

O P E
MAR 29 2007
PATENT & TRADEMARK OFFICE

Title: Digital Video System And Methods for Providing Same
Atty. Docket No. 59472-8013.US02
Sheet 1 Of 40

10

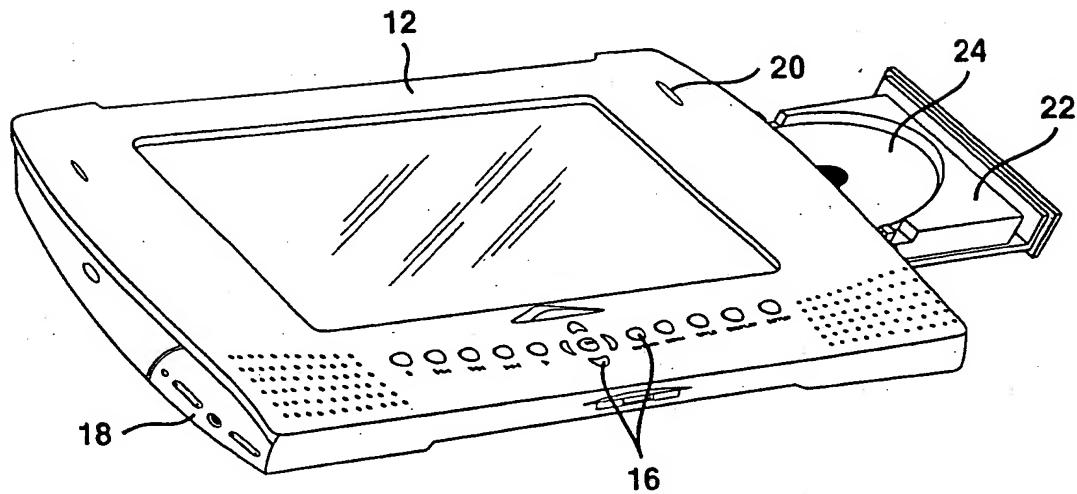


Fig. 1A

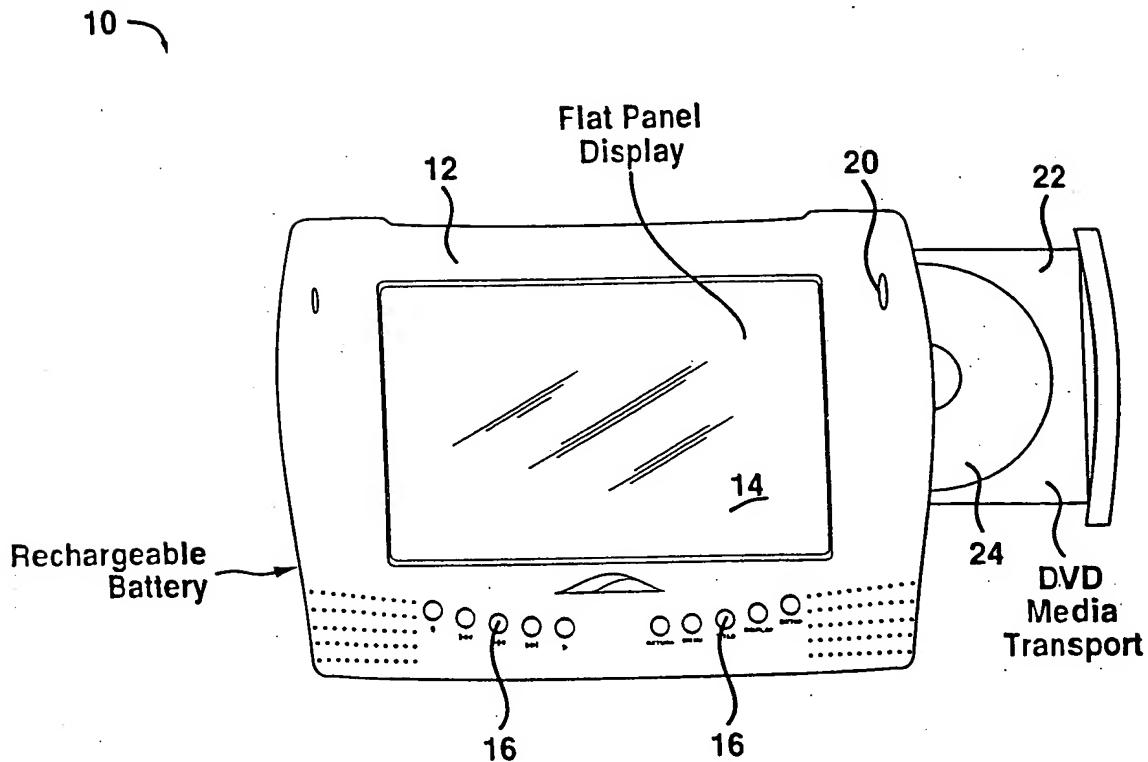


Fig. 1B

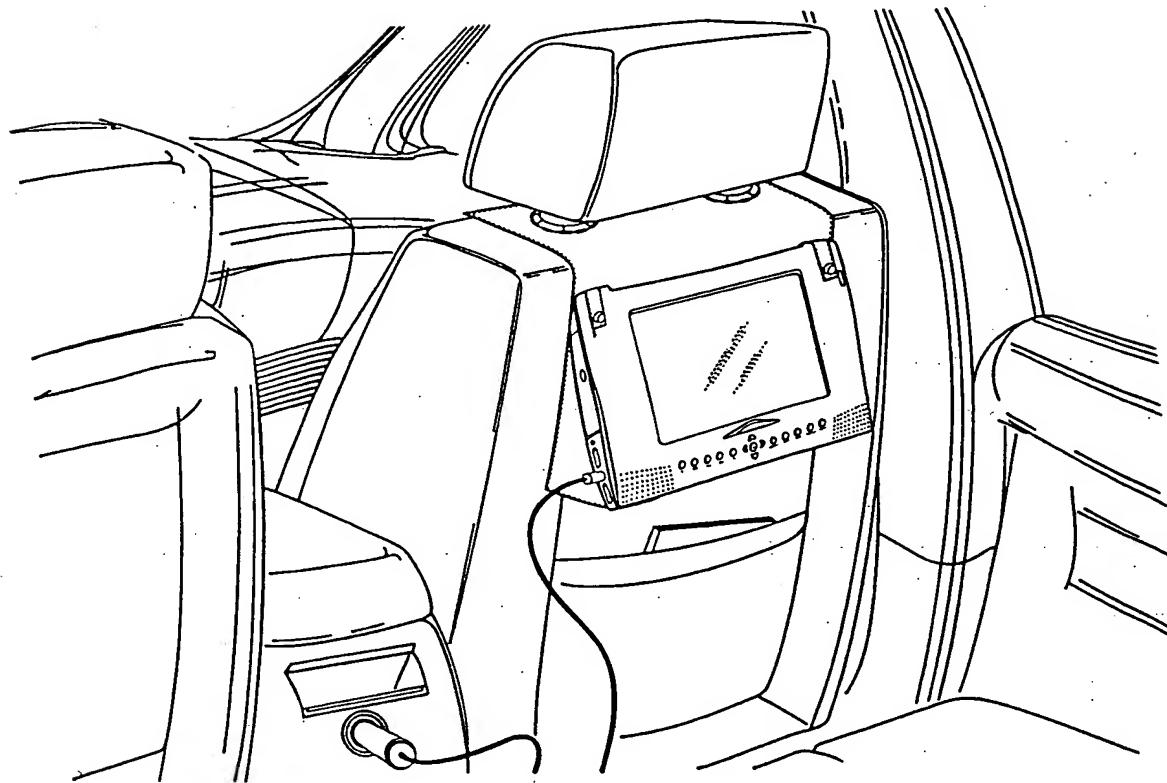


Fig. 2A

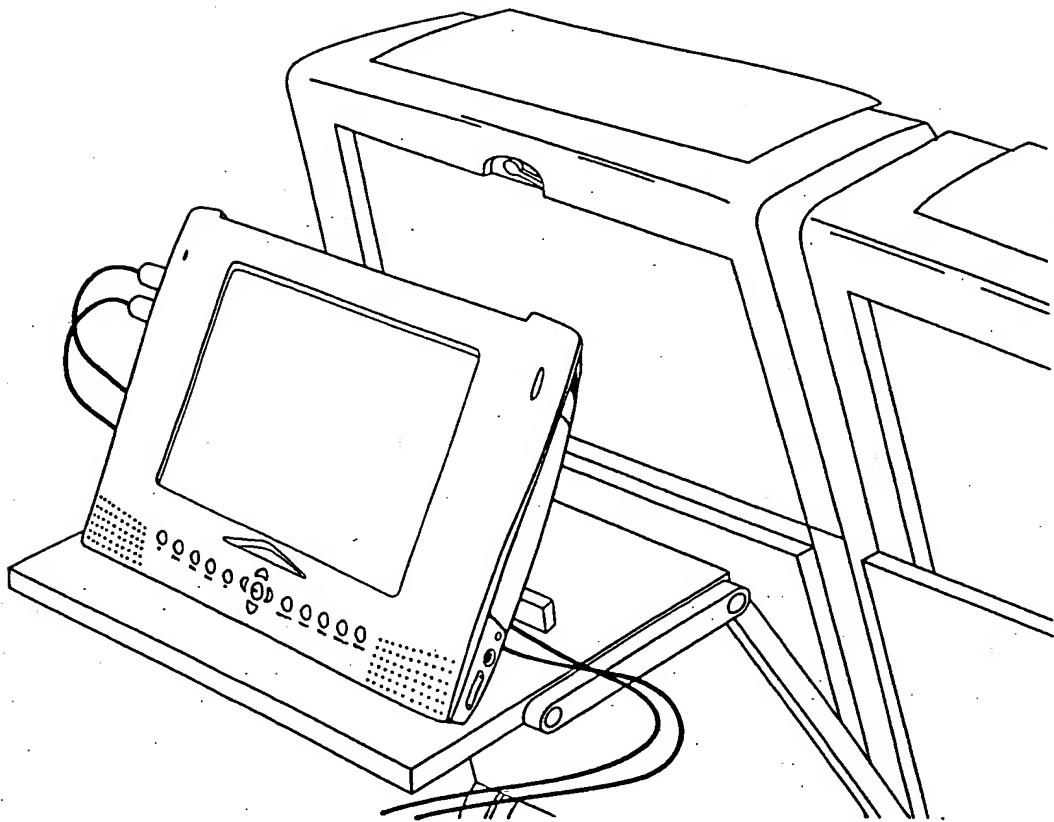


Fig. 2B



Fig. 2C

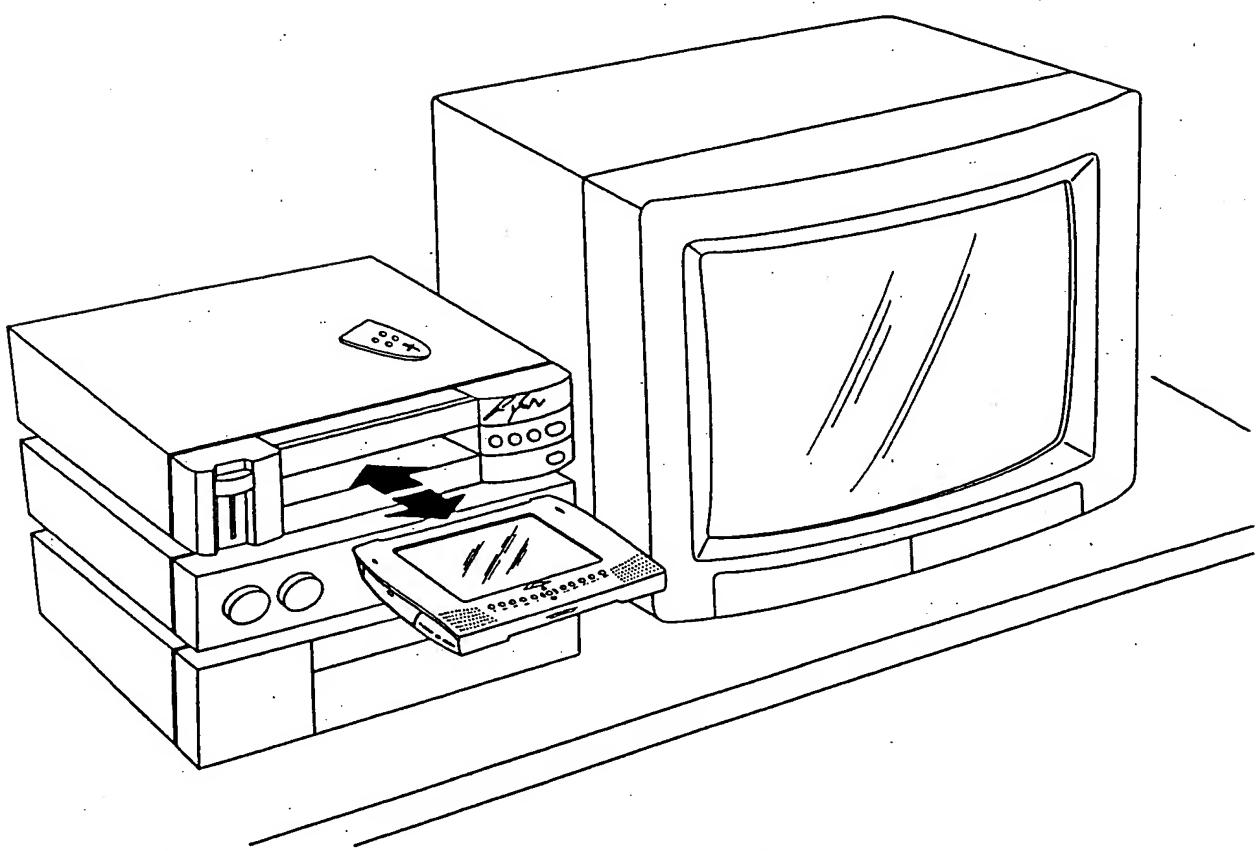


Fig. 2D

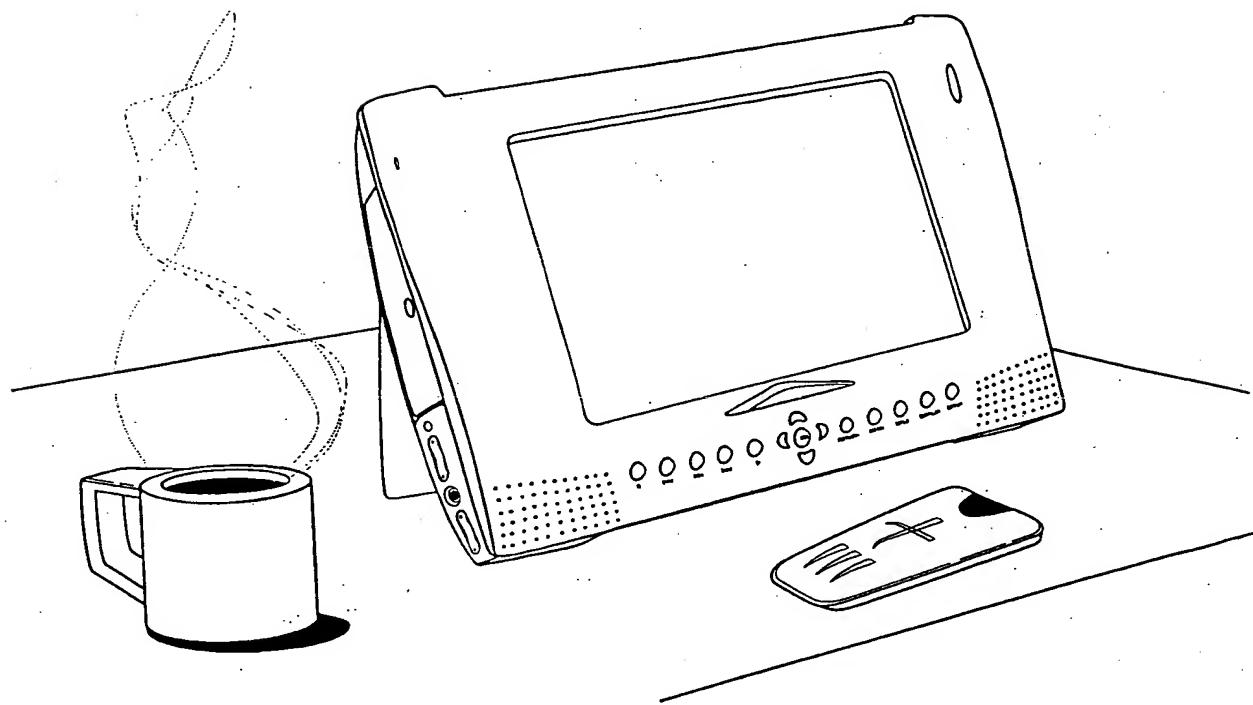
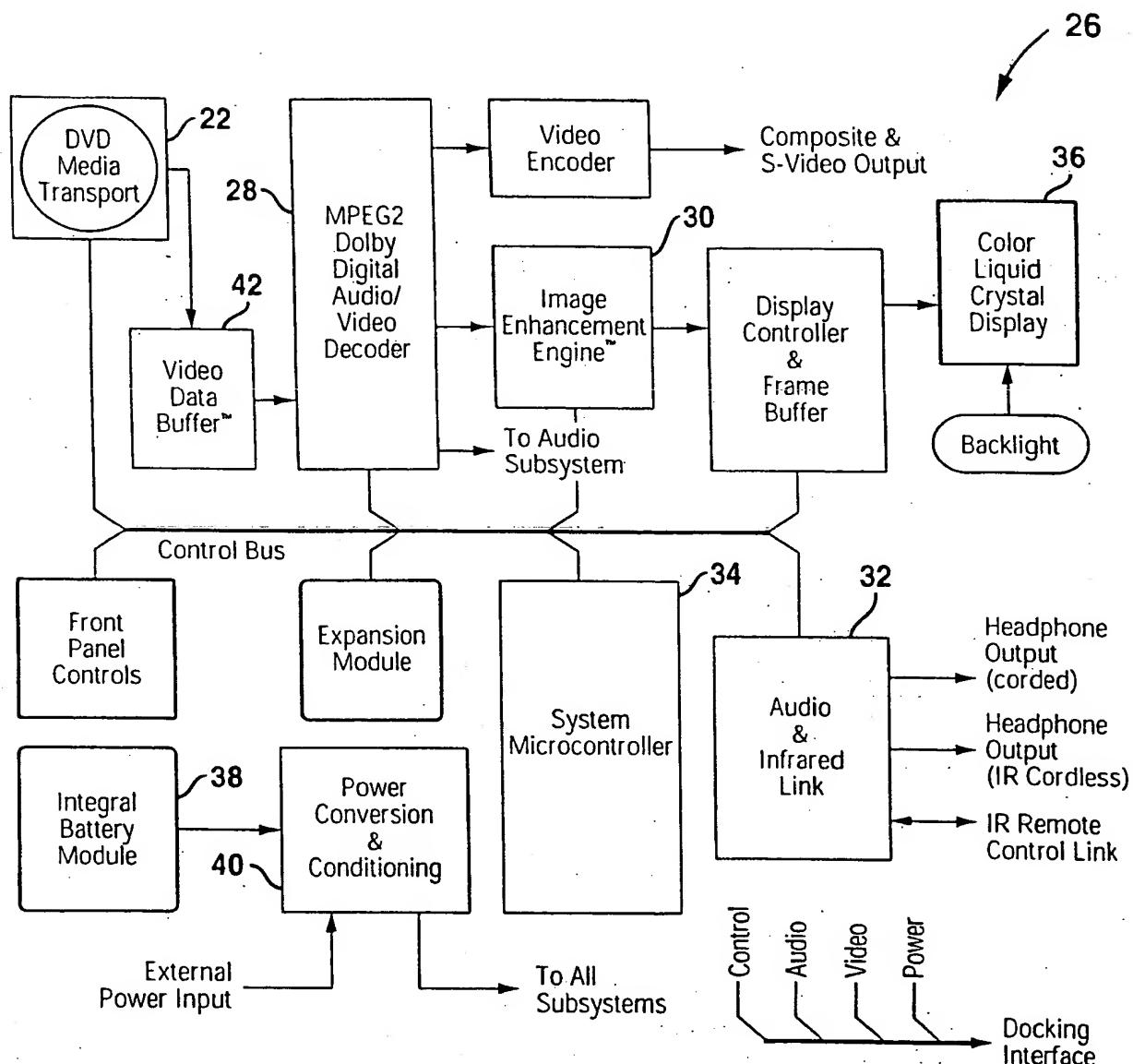


Fig. 2E

**Fig. 3**

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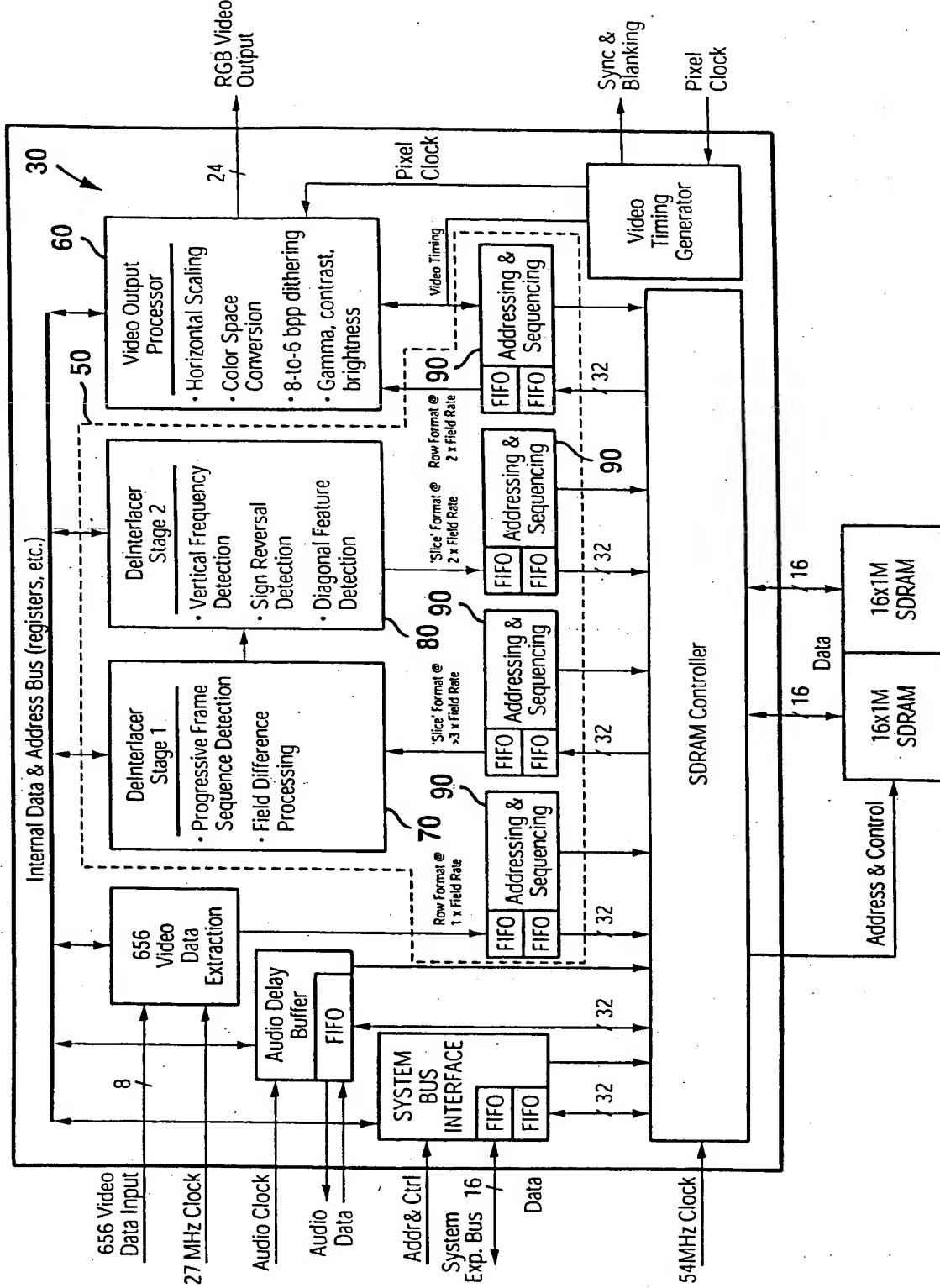


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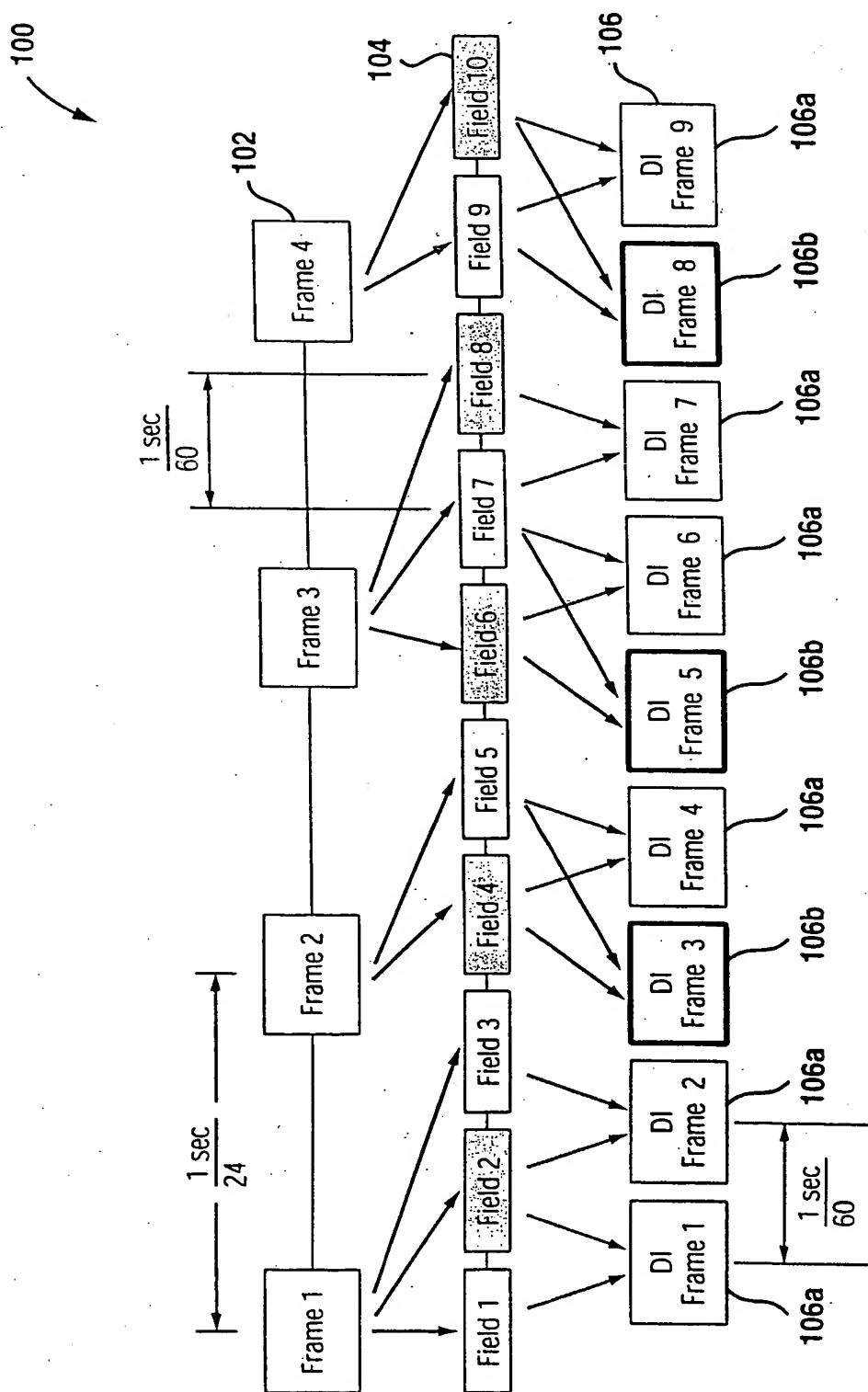


Fig. 5

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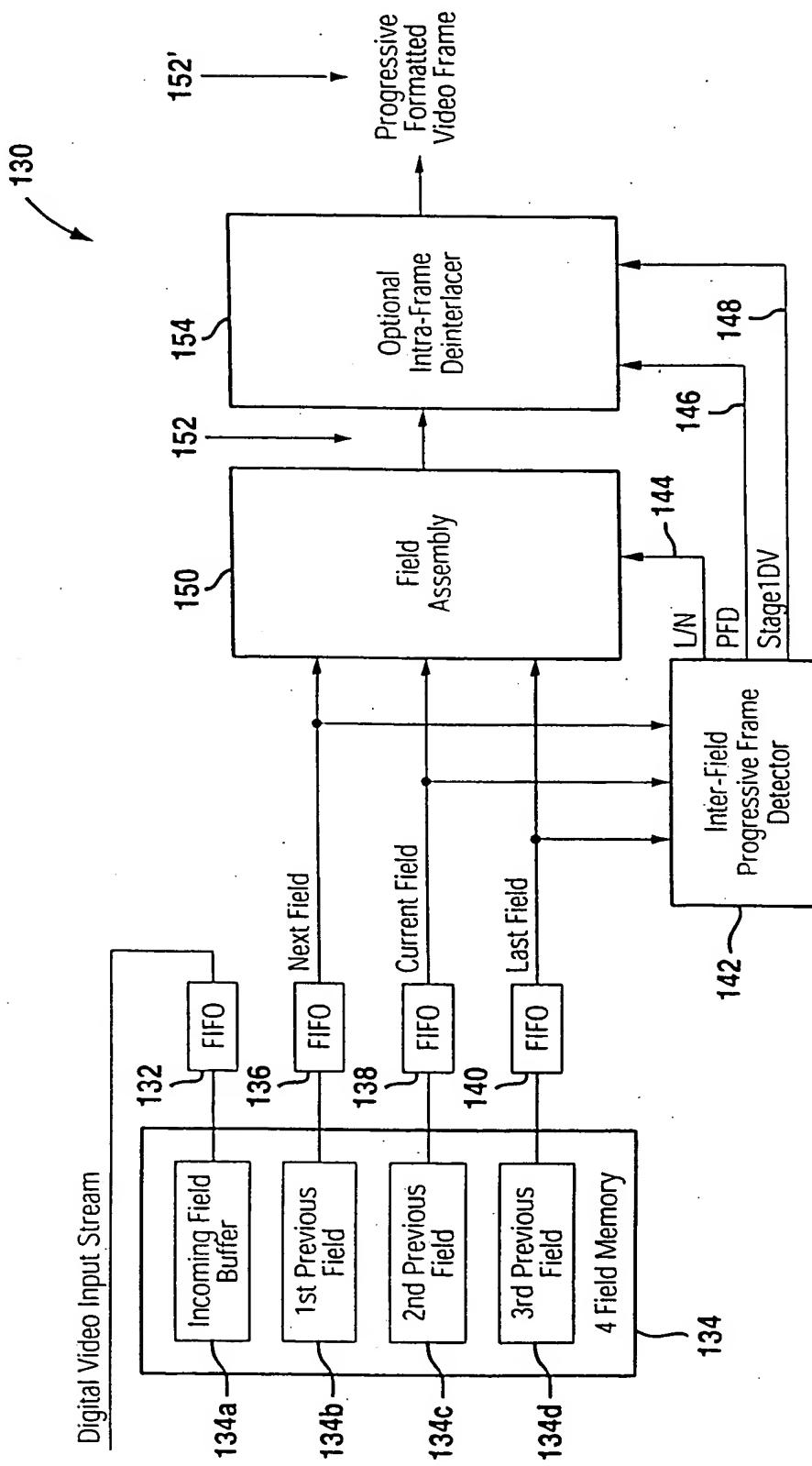


Fig. 6

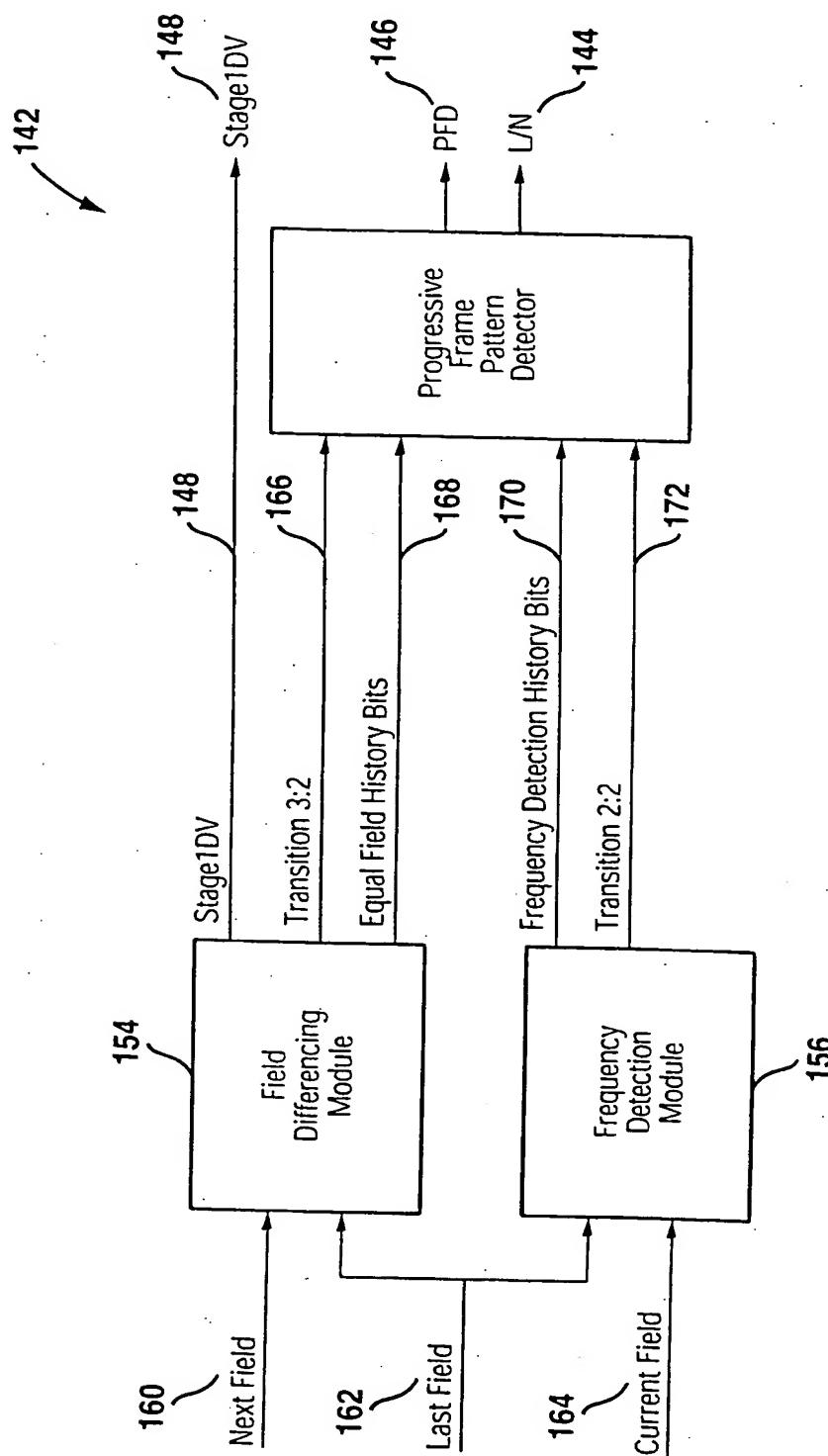


Fig. 7

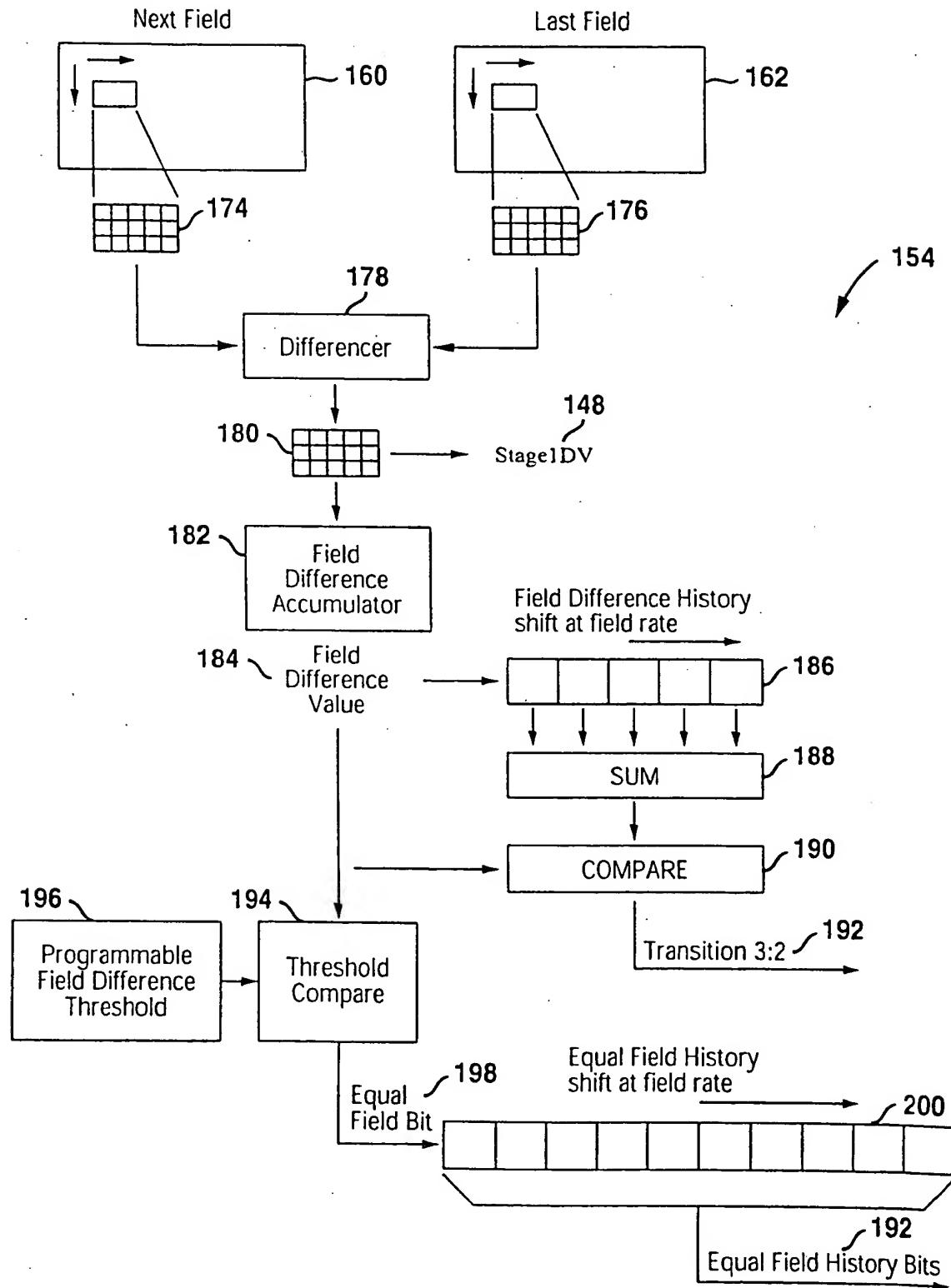
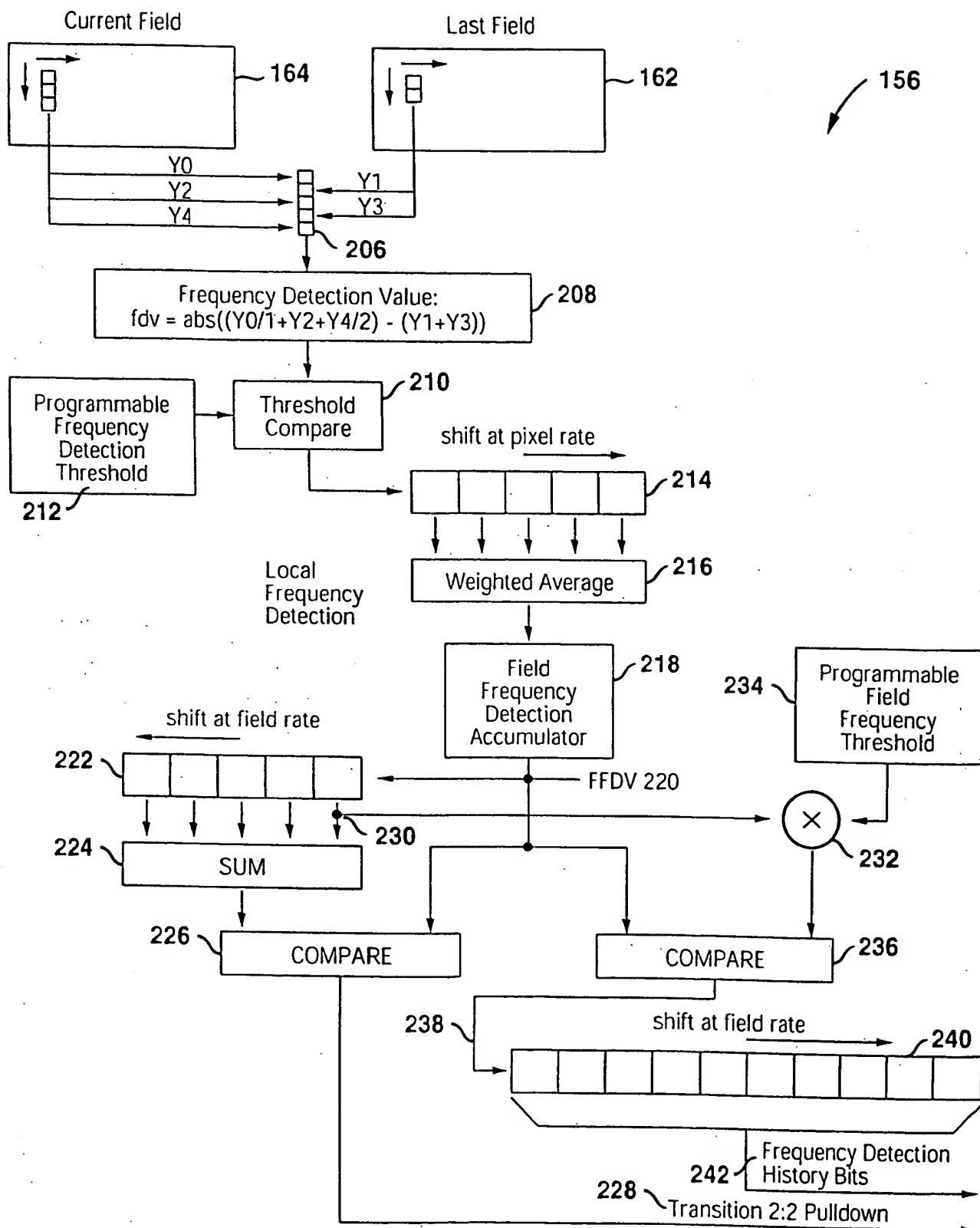
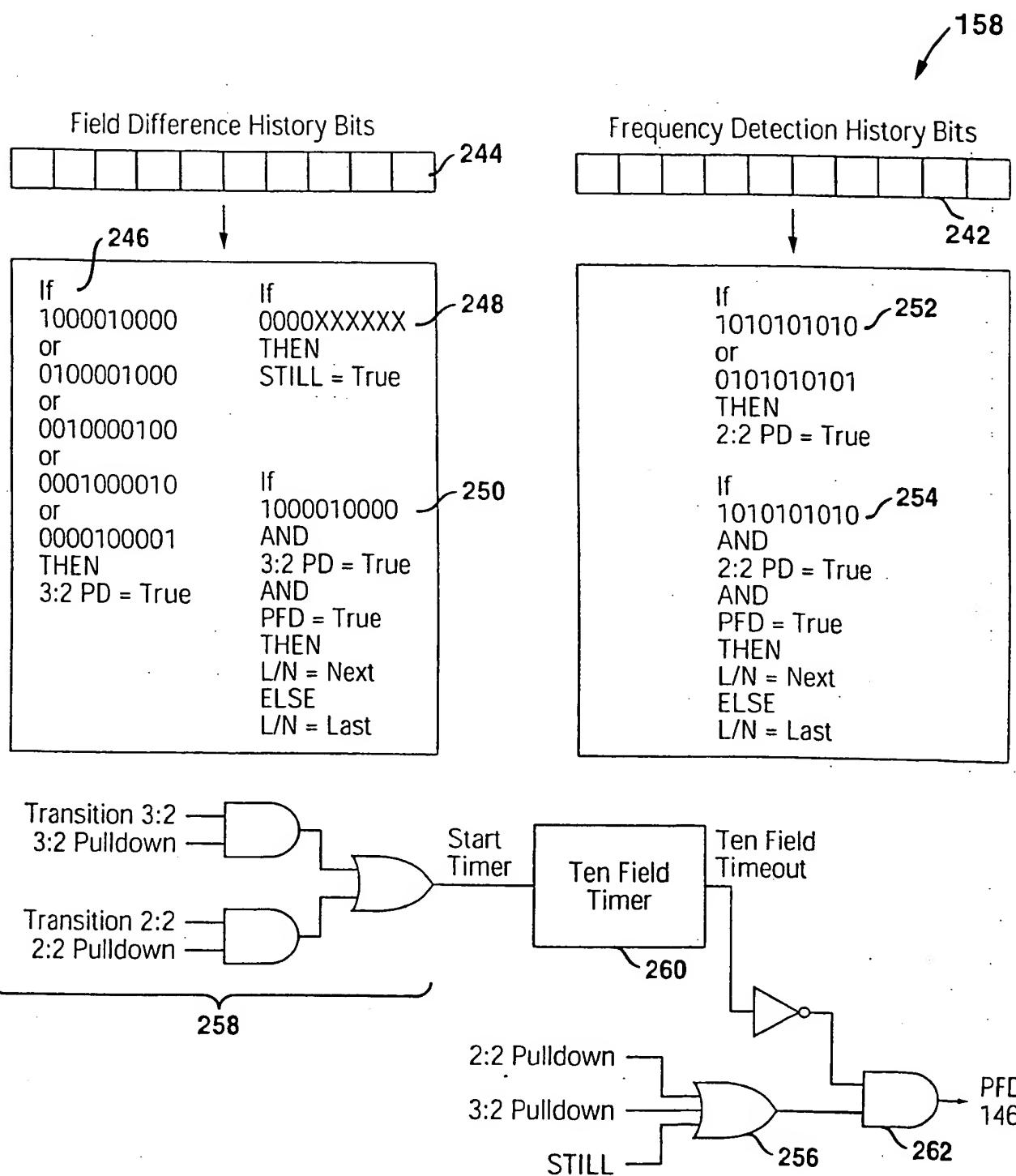


Fig. 8

**Fig. 9**

*Fig. 10*

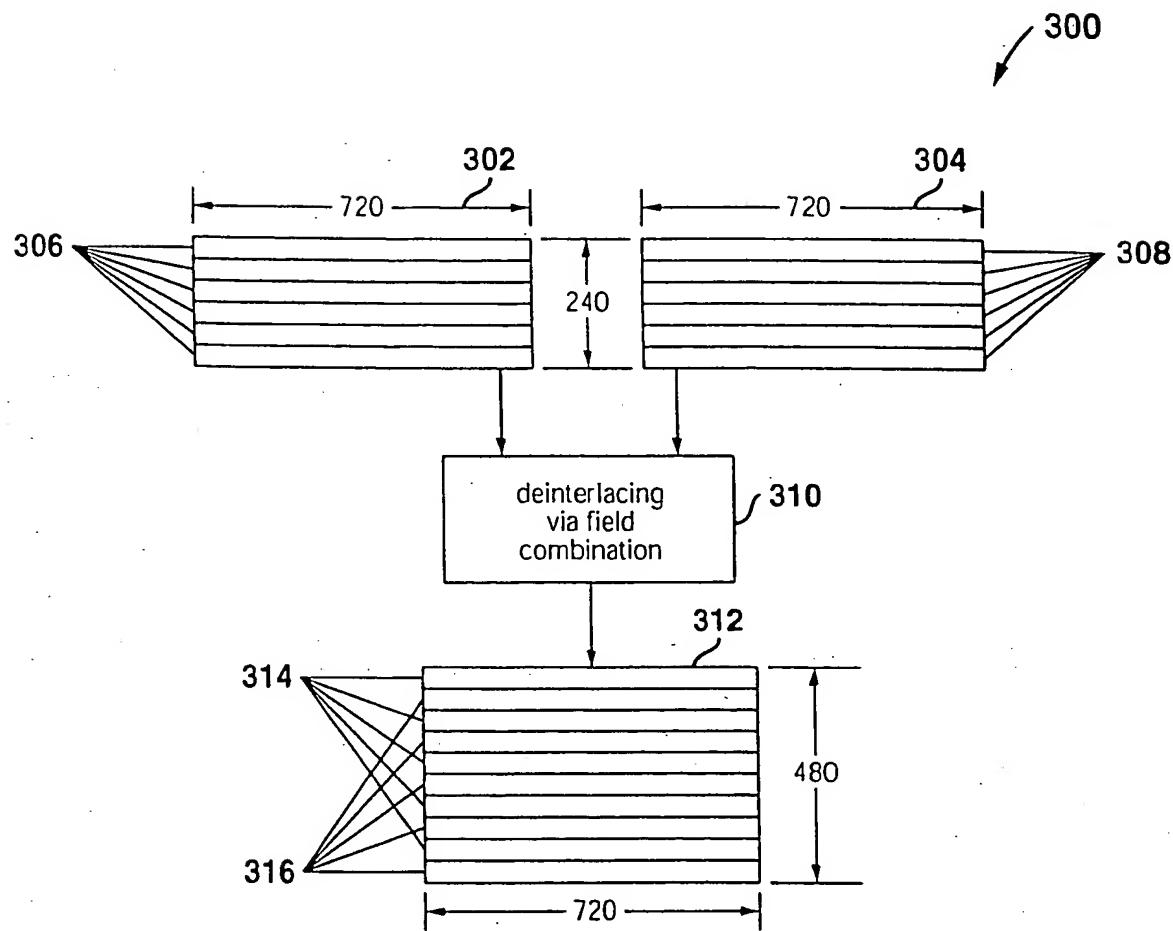


Fig. 11

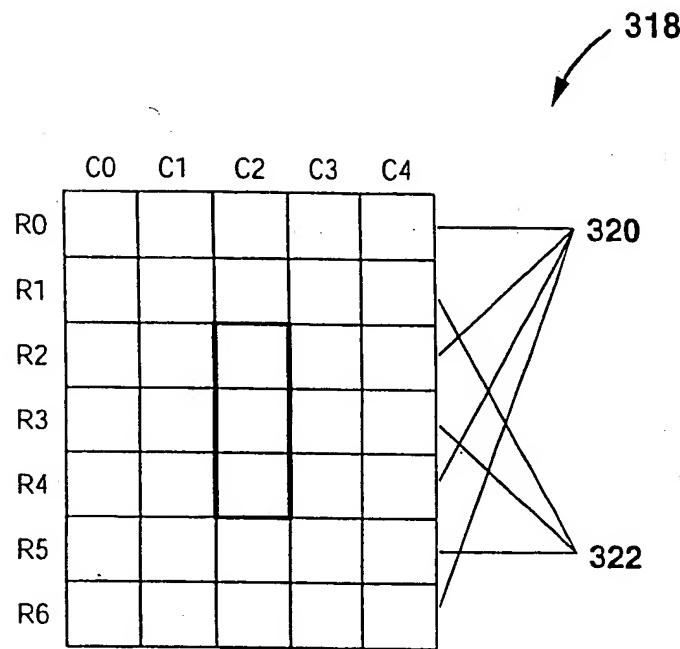


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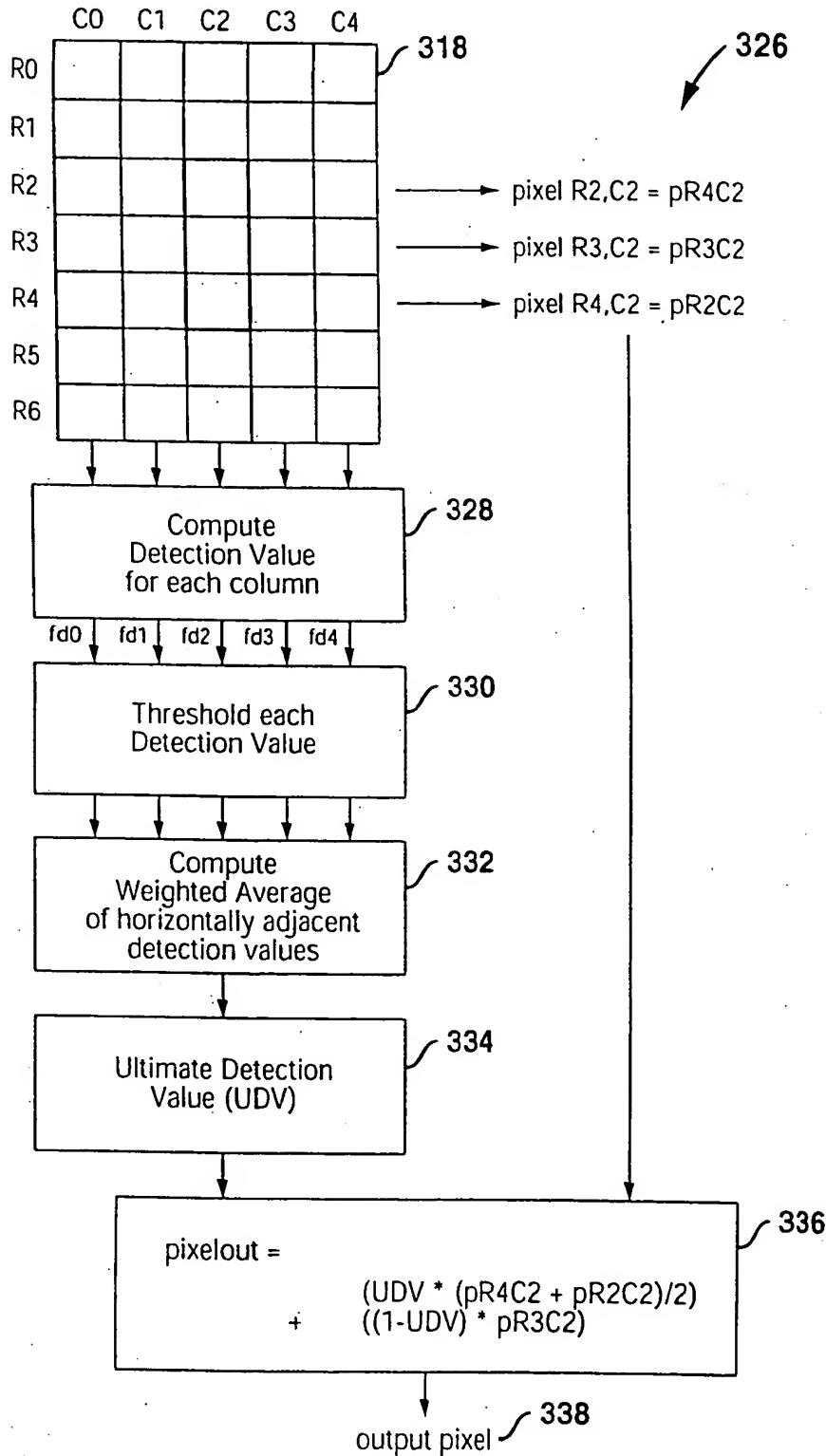


Fig. 13

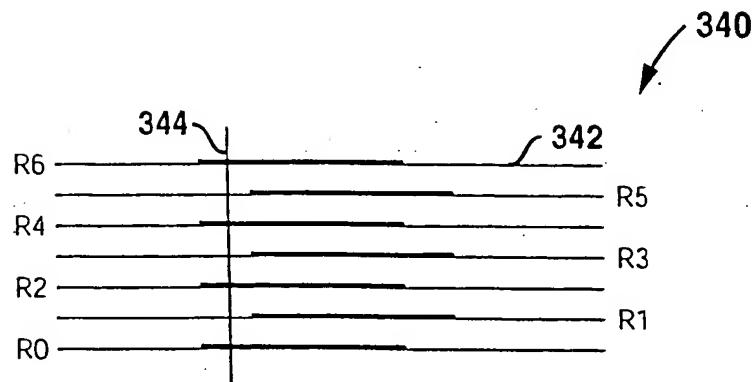


Fig. 14A

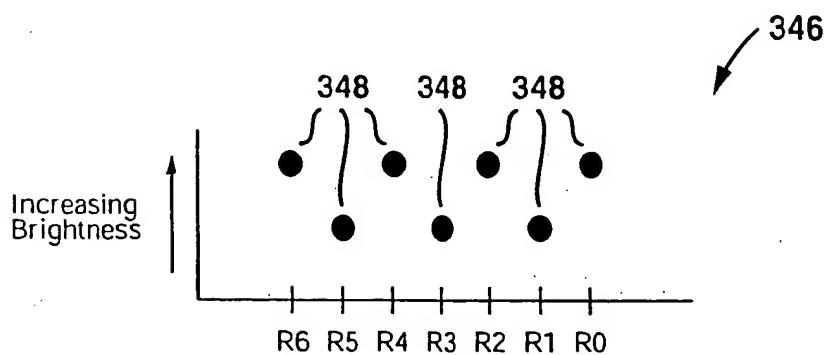


Fig. 14B

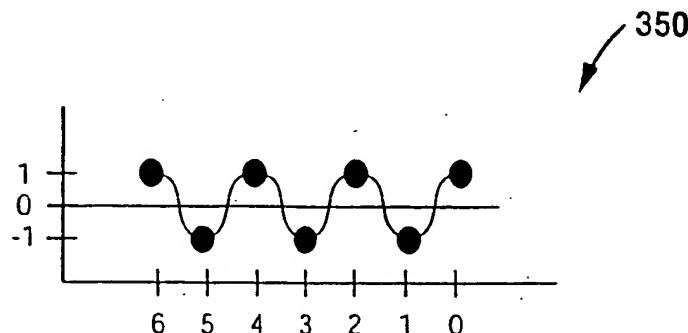


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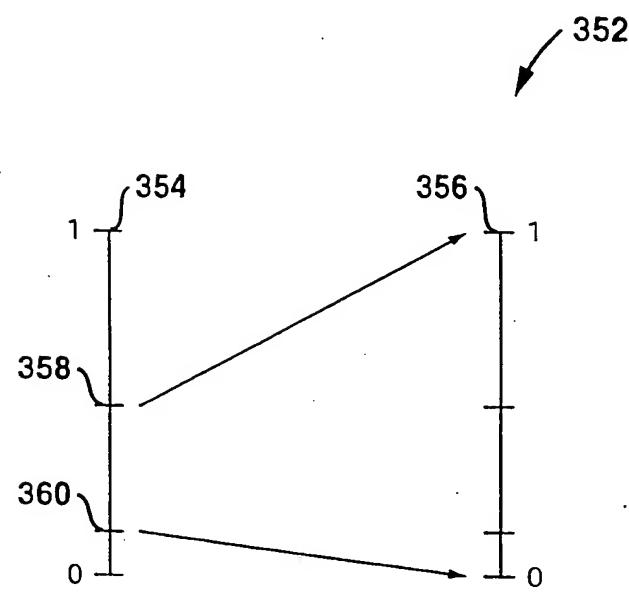


Fig. 15

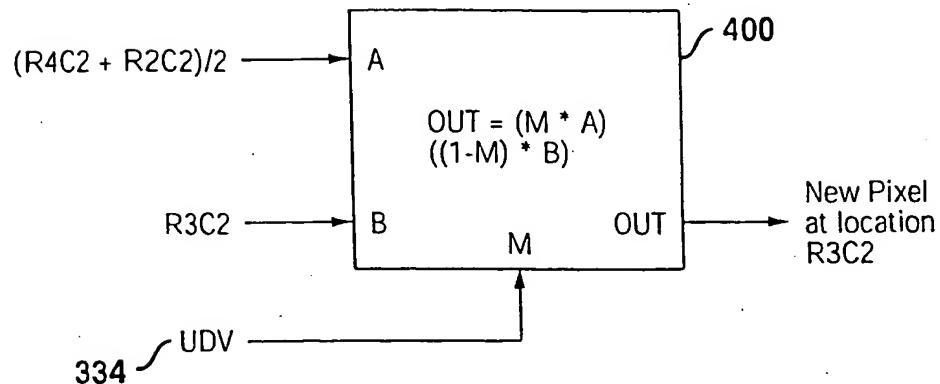


Fig. 16



Fig. 17

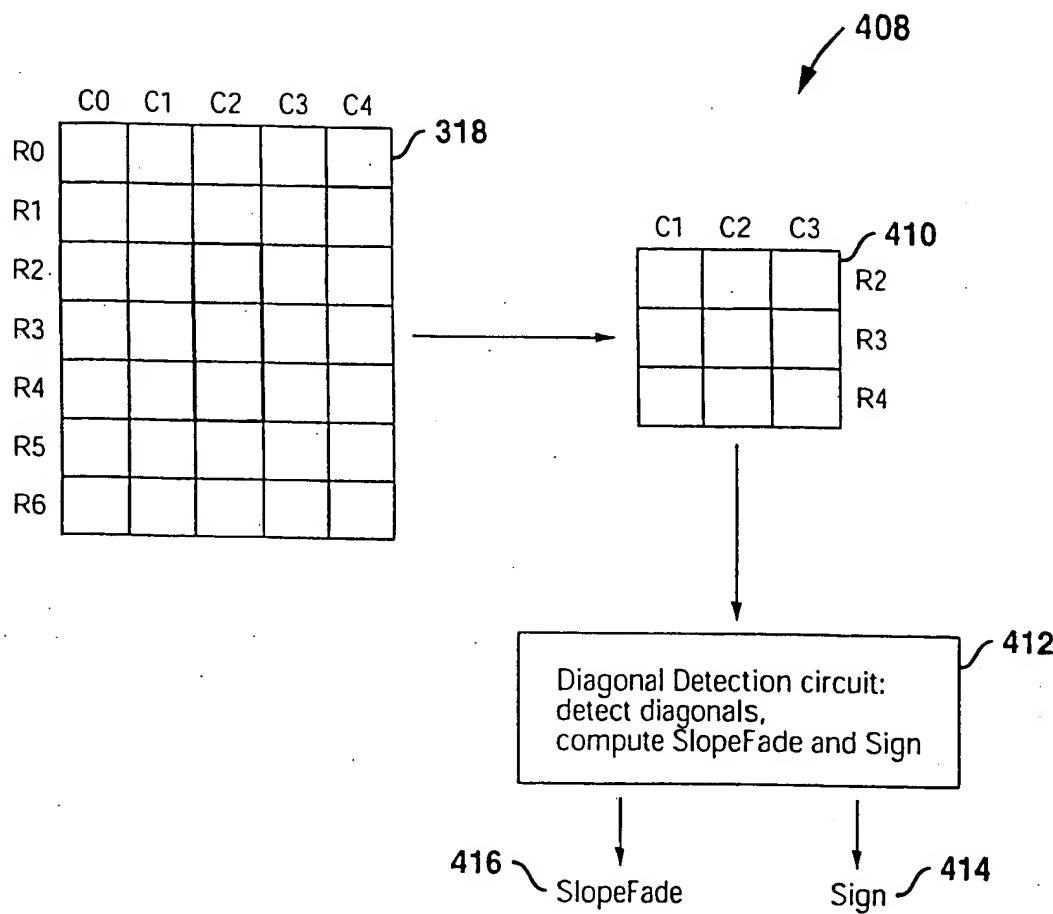


Fig. 18

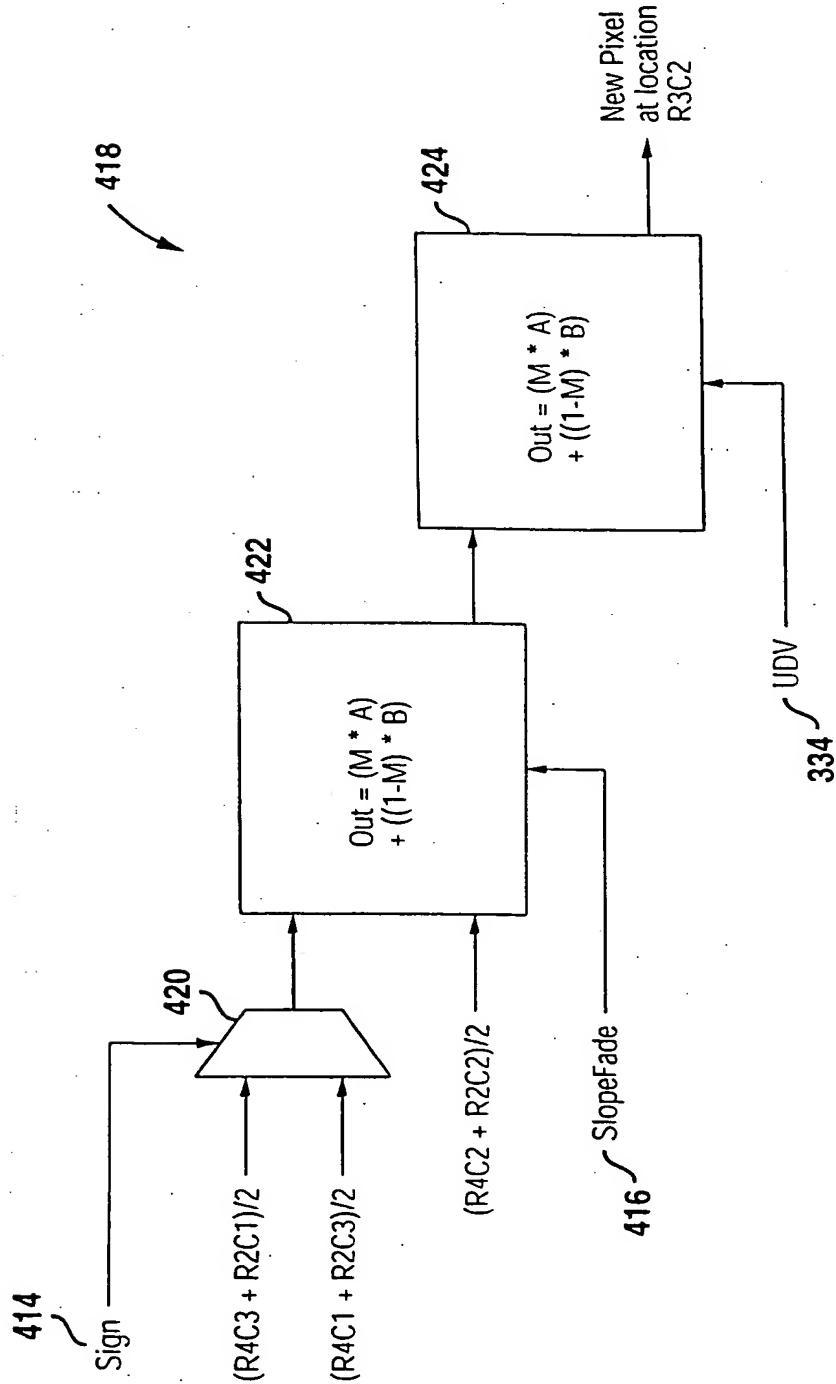


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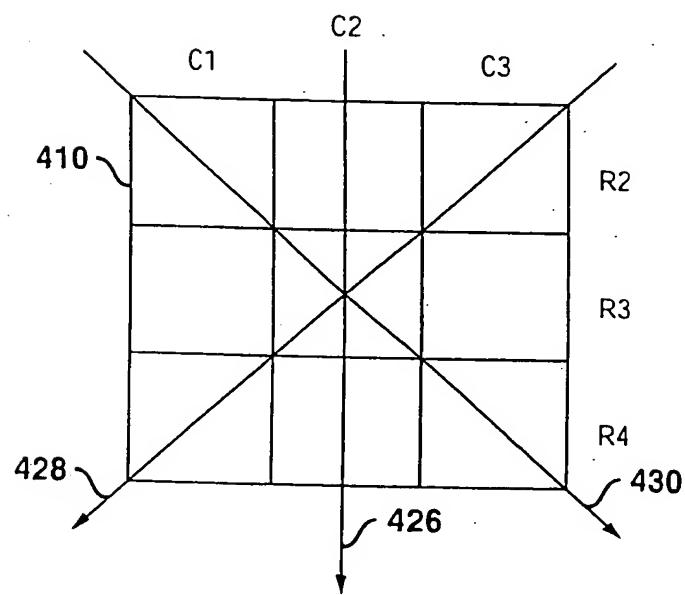


Fig. 20

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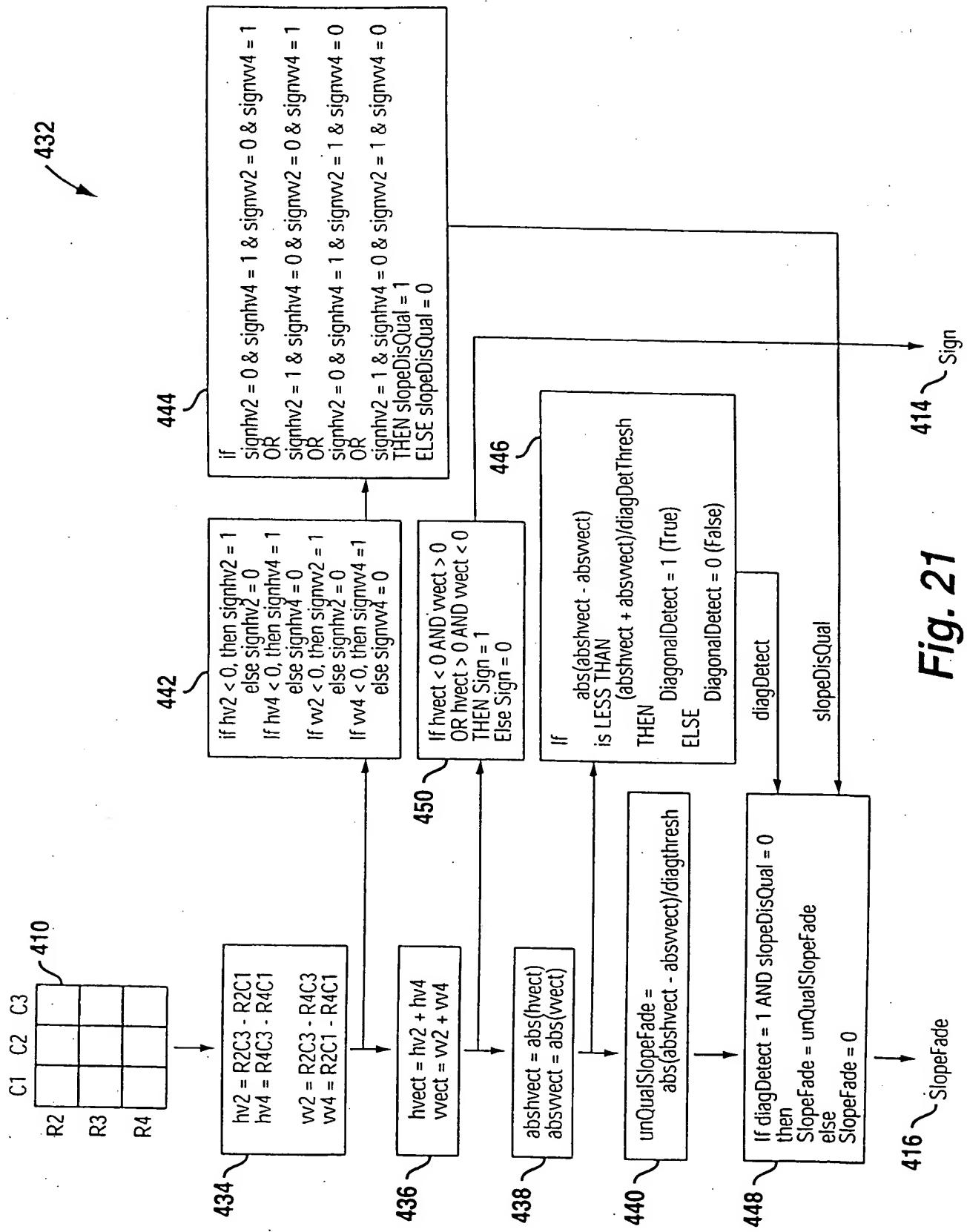


Fig. 21

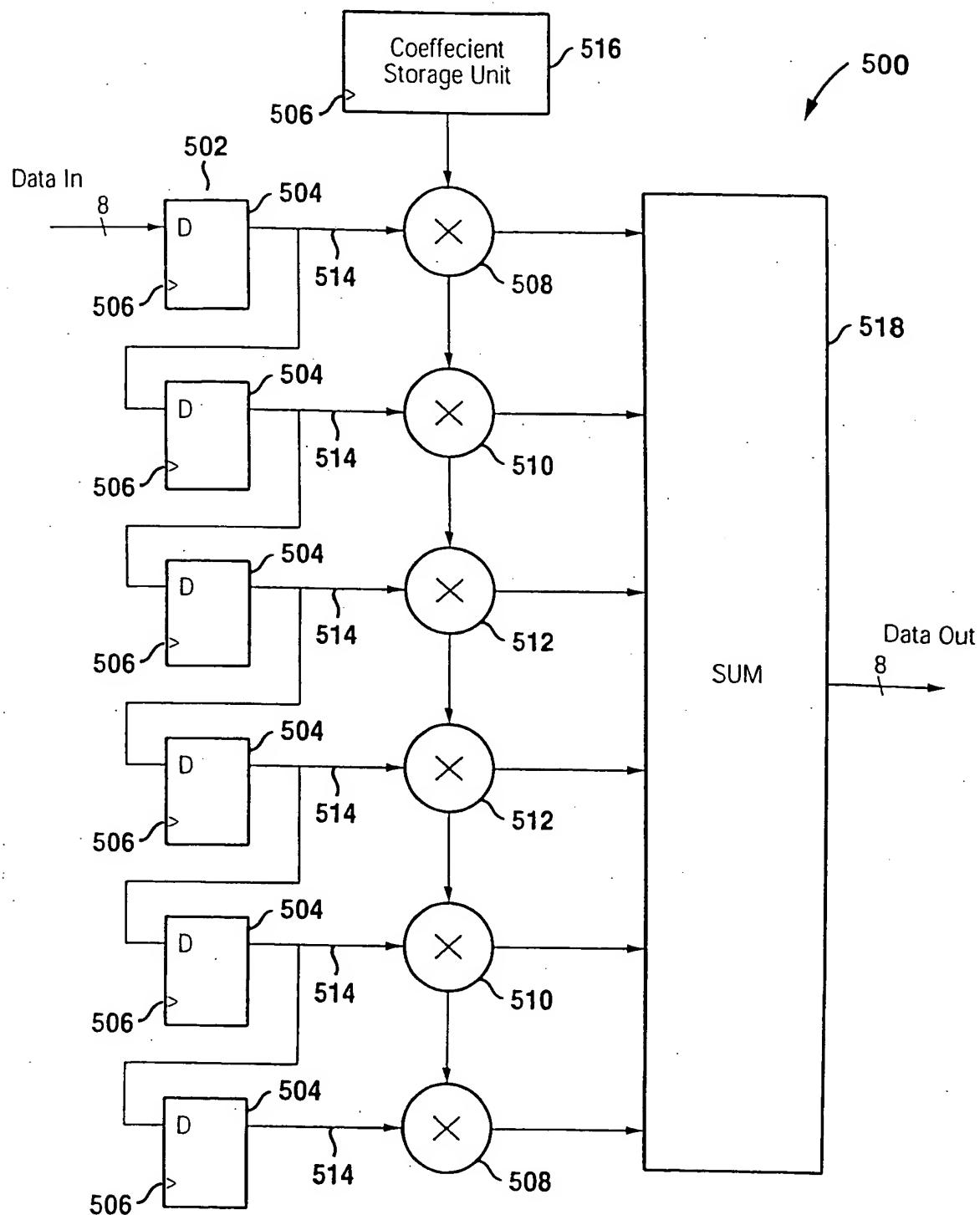


Fig. 22

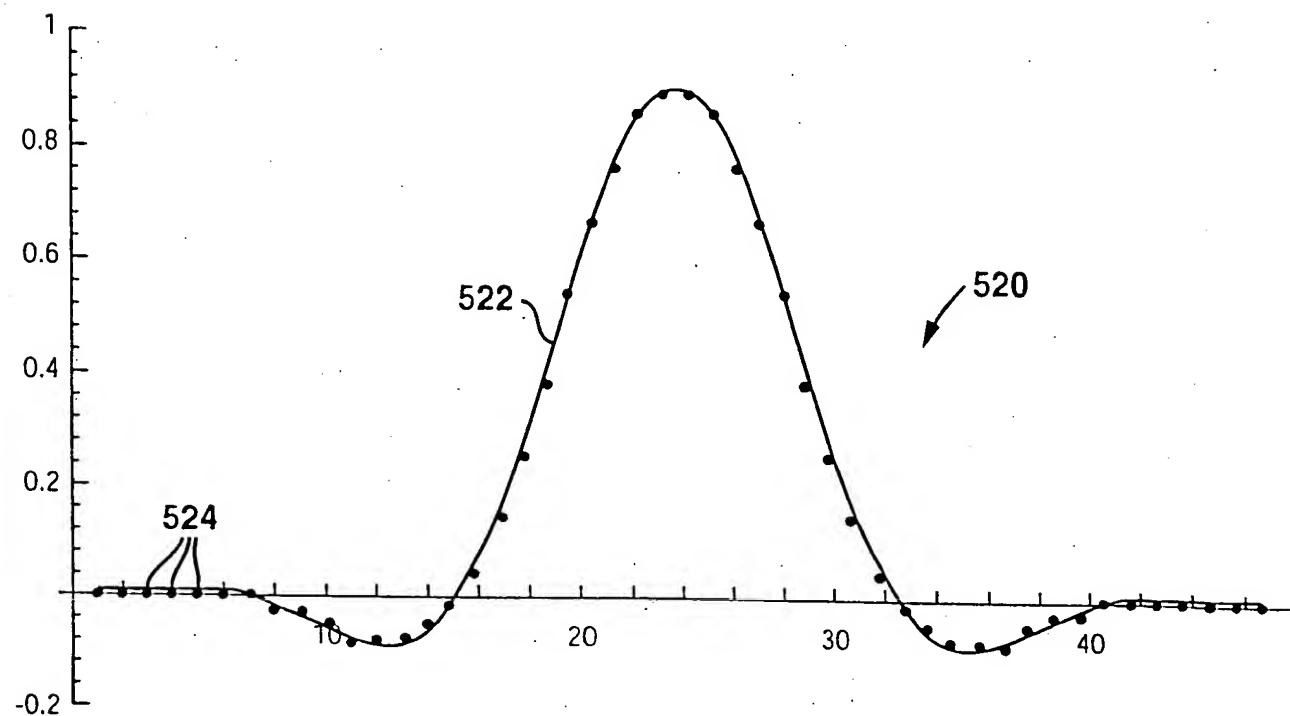


Fig. 23

set(1)	c(1), c(9), c(17), c(25), c(33), c(41)
set(2)	c(2), c(10), c(18), c(26), c(34), c(42)
set(3)	c(3), c(11), c(19), c(27), c(35), c(43)
set(4)	c(4), c(12), c(20), c(28), c(36), c(44)
set(5)	c(5), c(13), c(21), c(29), c(37), c(45)
set(6)	c(6), c(14), c(22), c(30), c(38), c(46)
set(7)	c(7), c(15), c(23), c(31), c(39), c(47)
set(8)	c(8), c(16), c(24), c(32), c(40), c(48)

Fig. 24

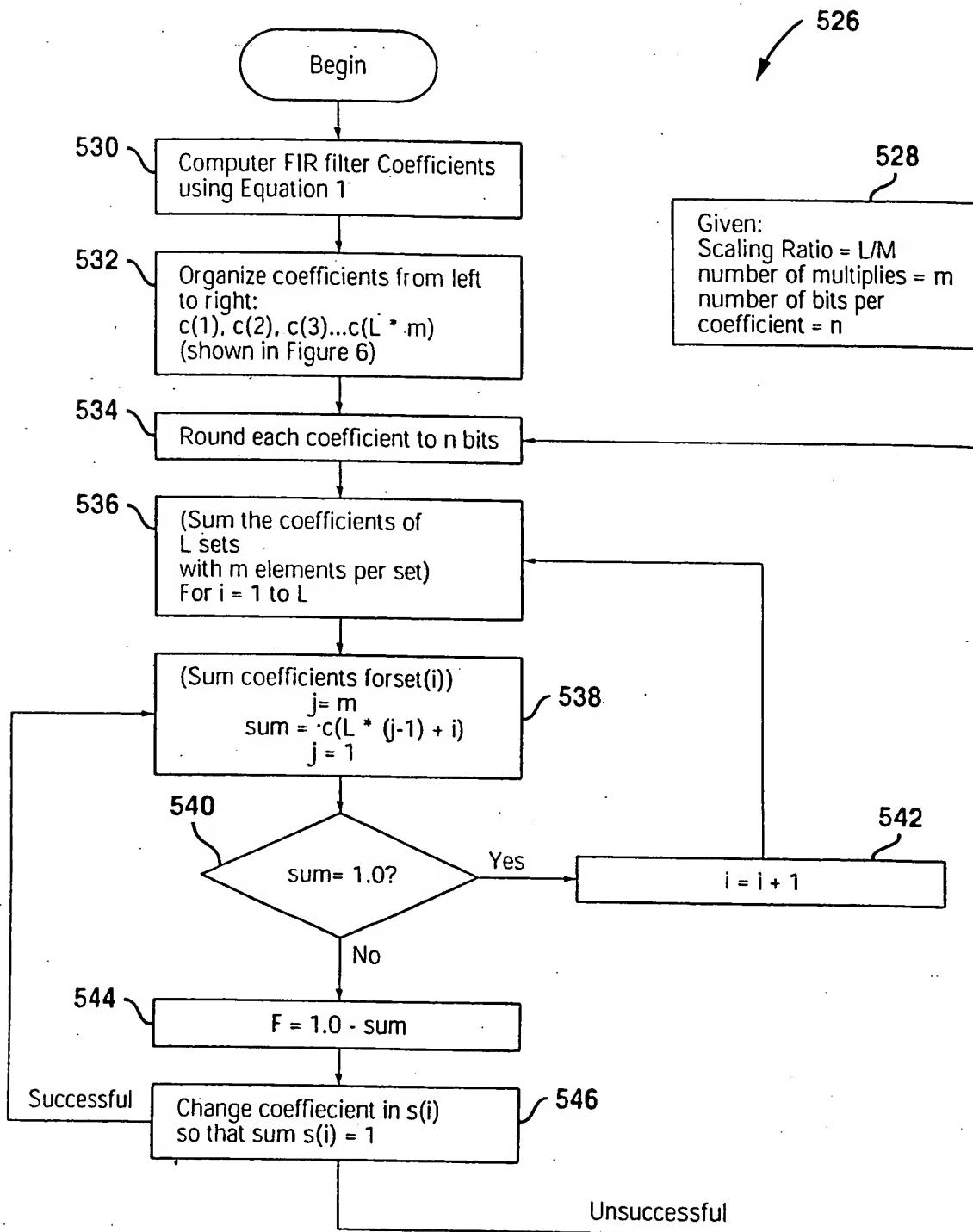


Fig. 25

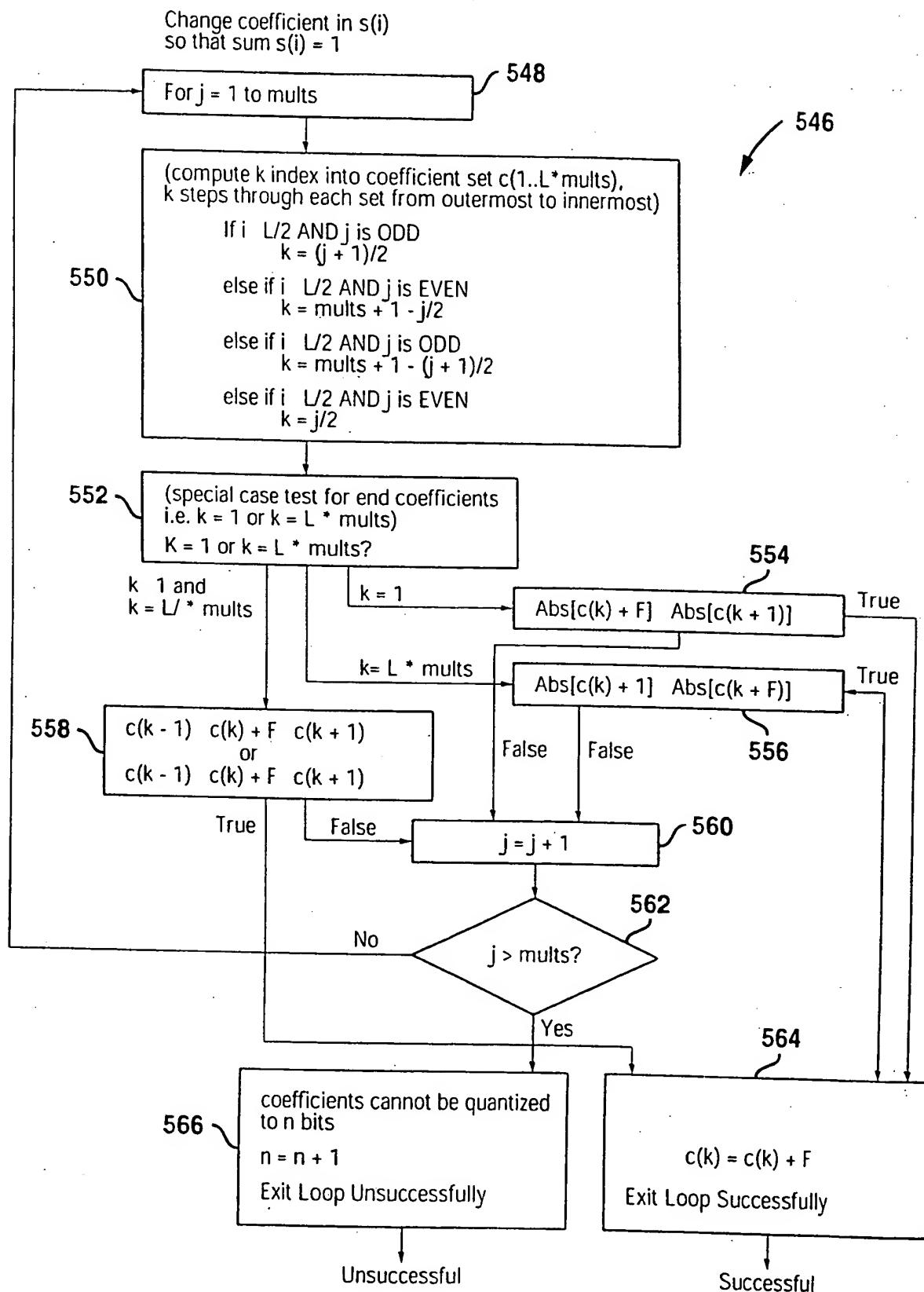


Fig. 26

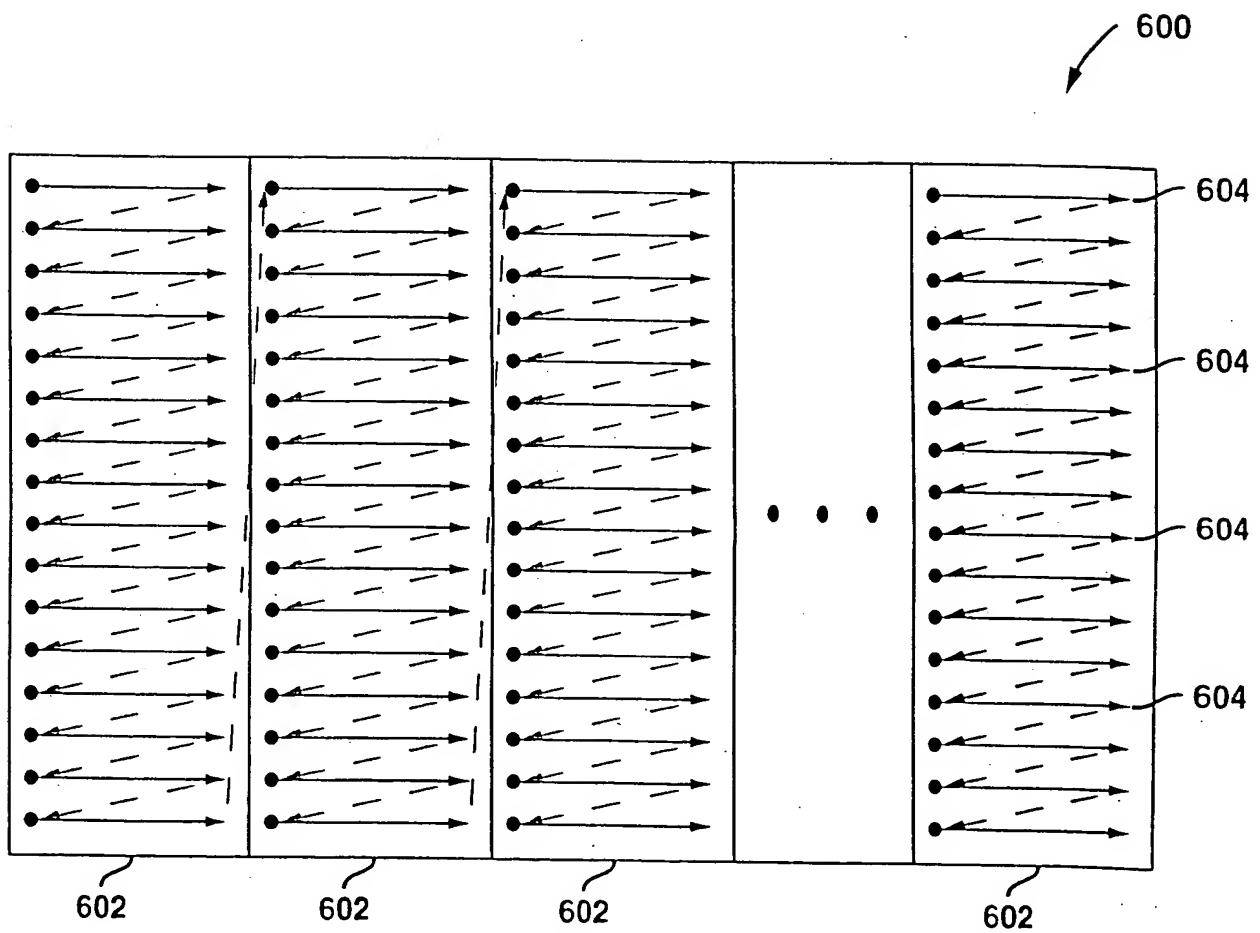
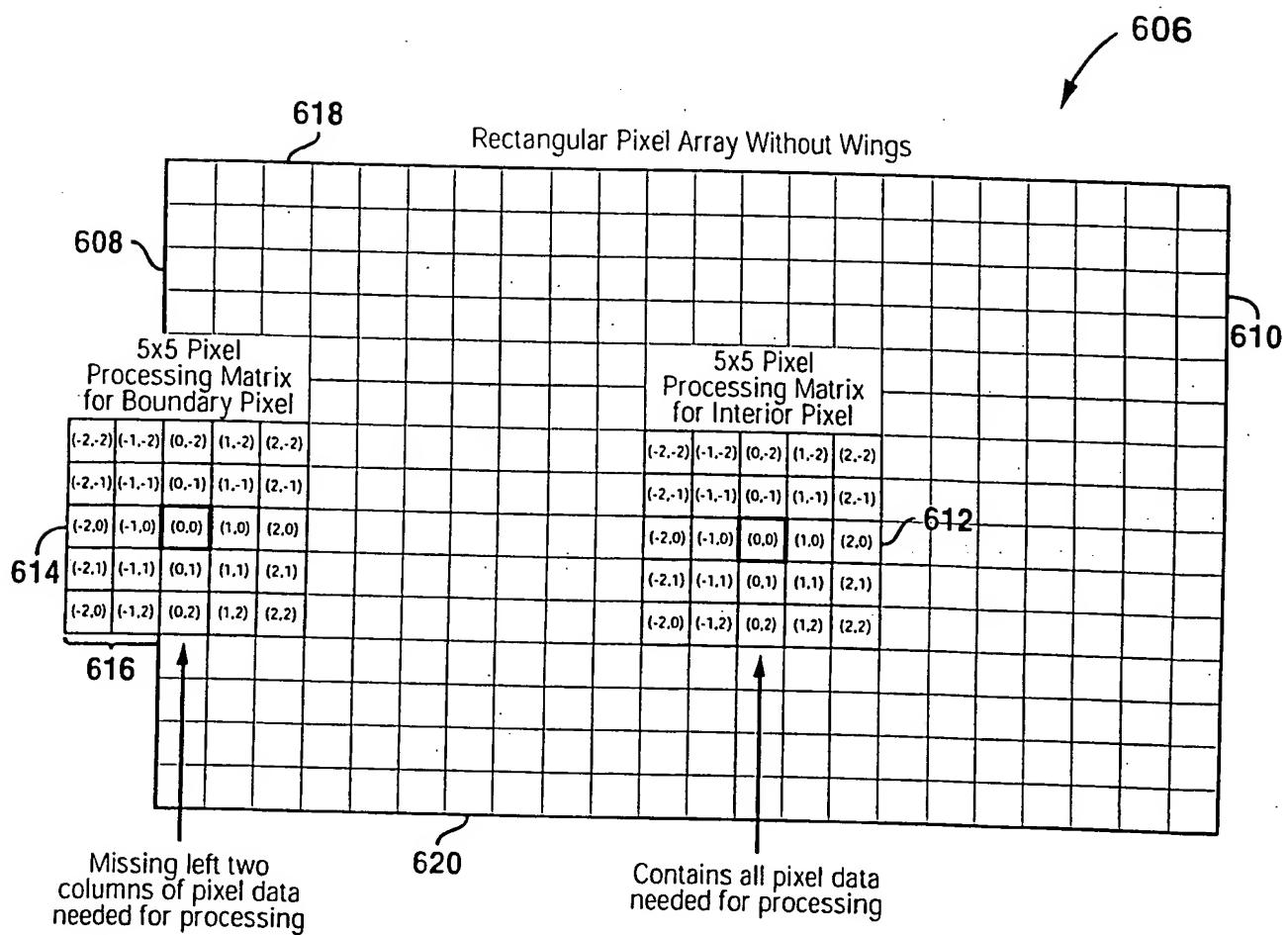
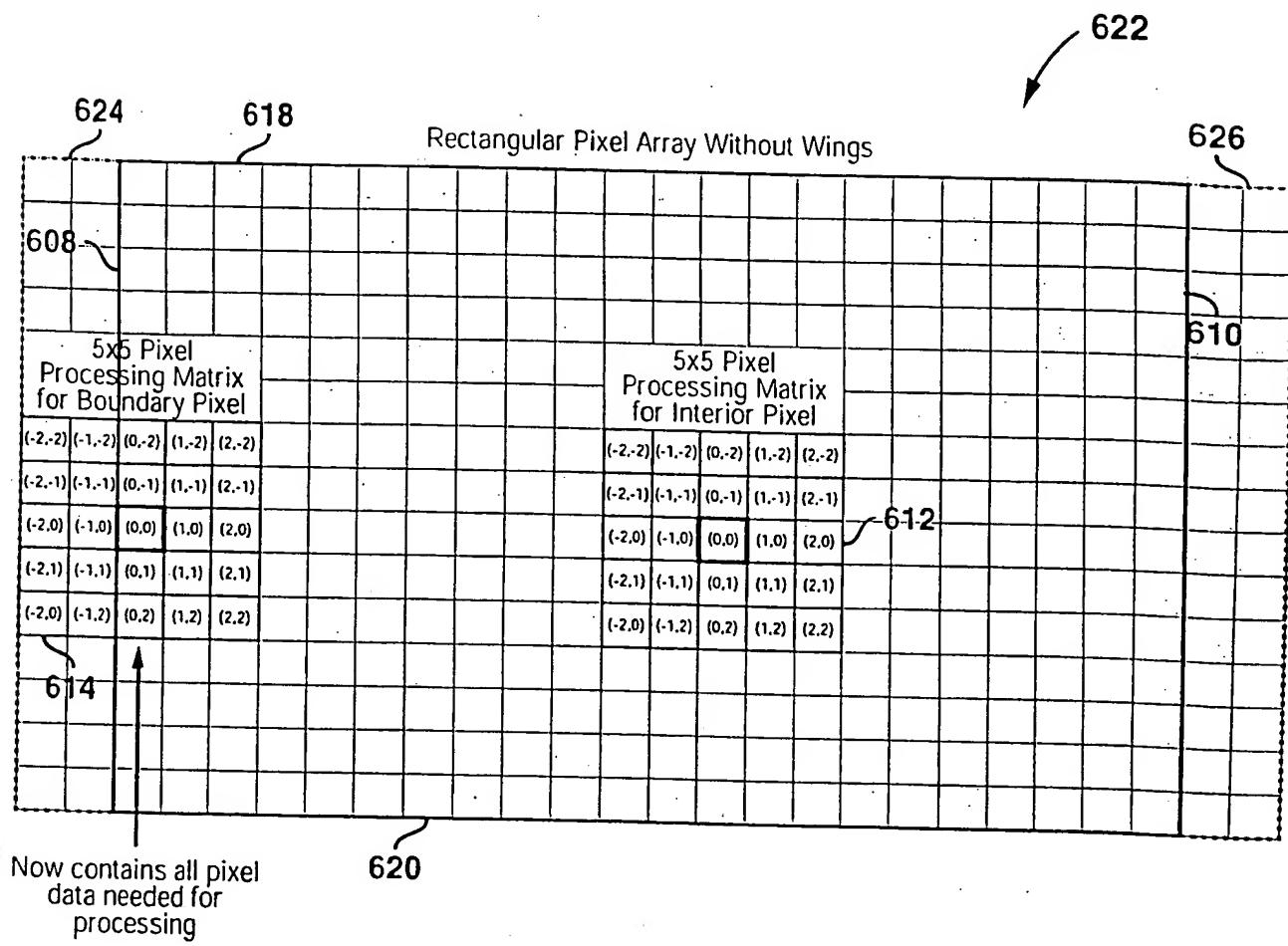


Fig. 27

**Fig. 28**

*Fig. 29*

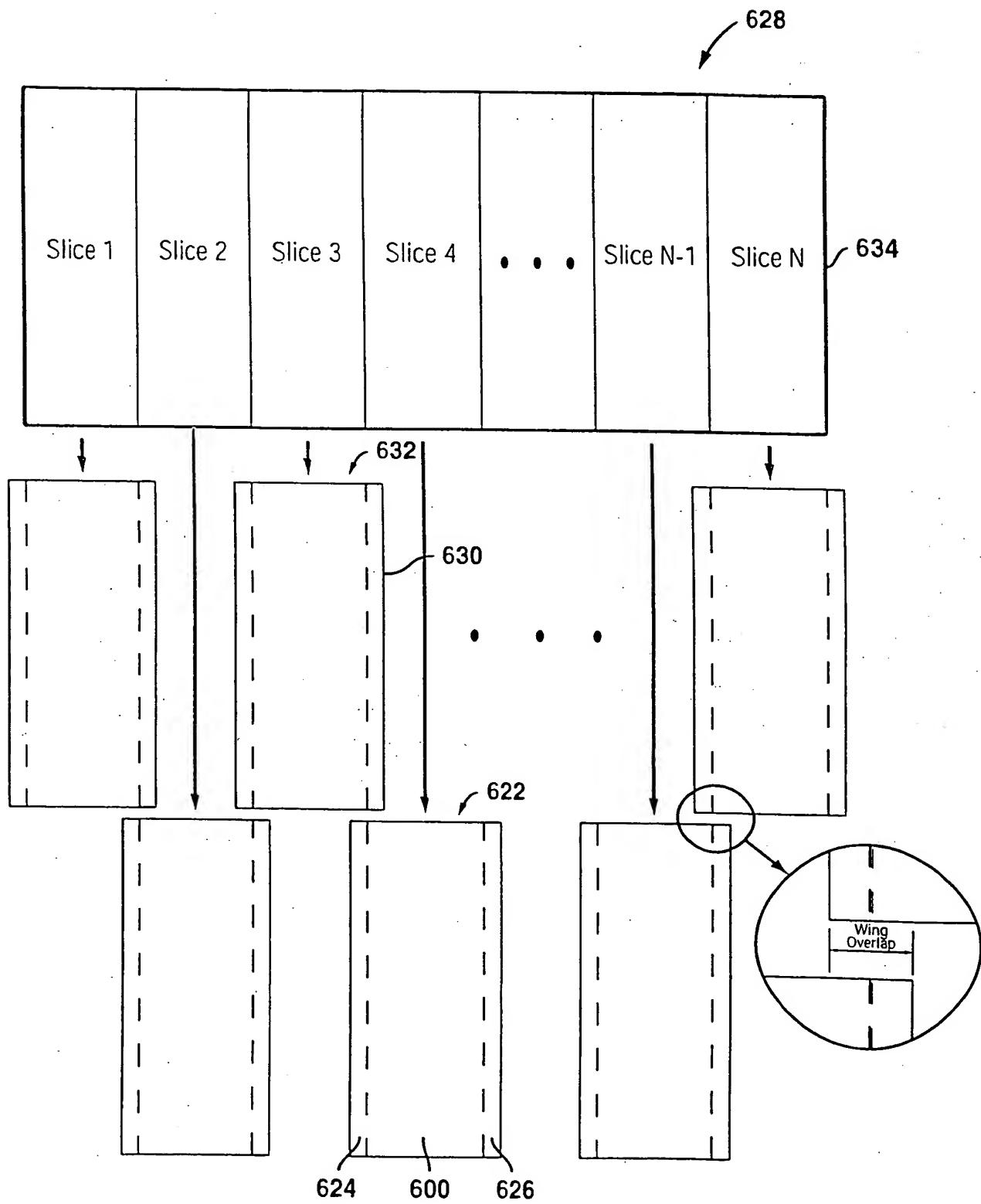


Fig. 30

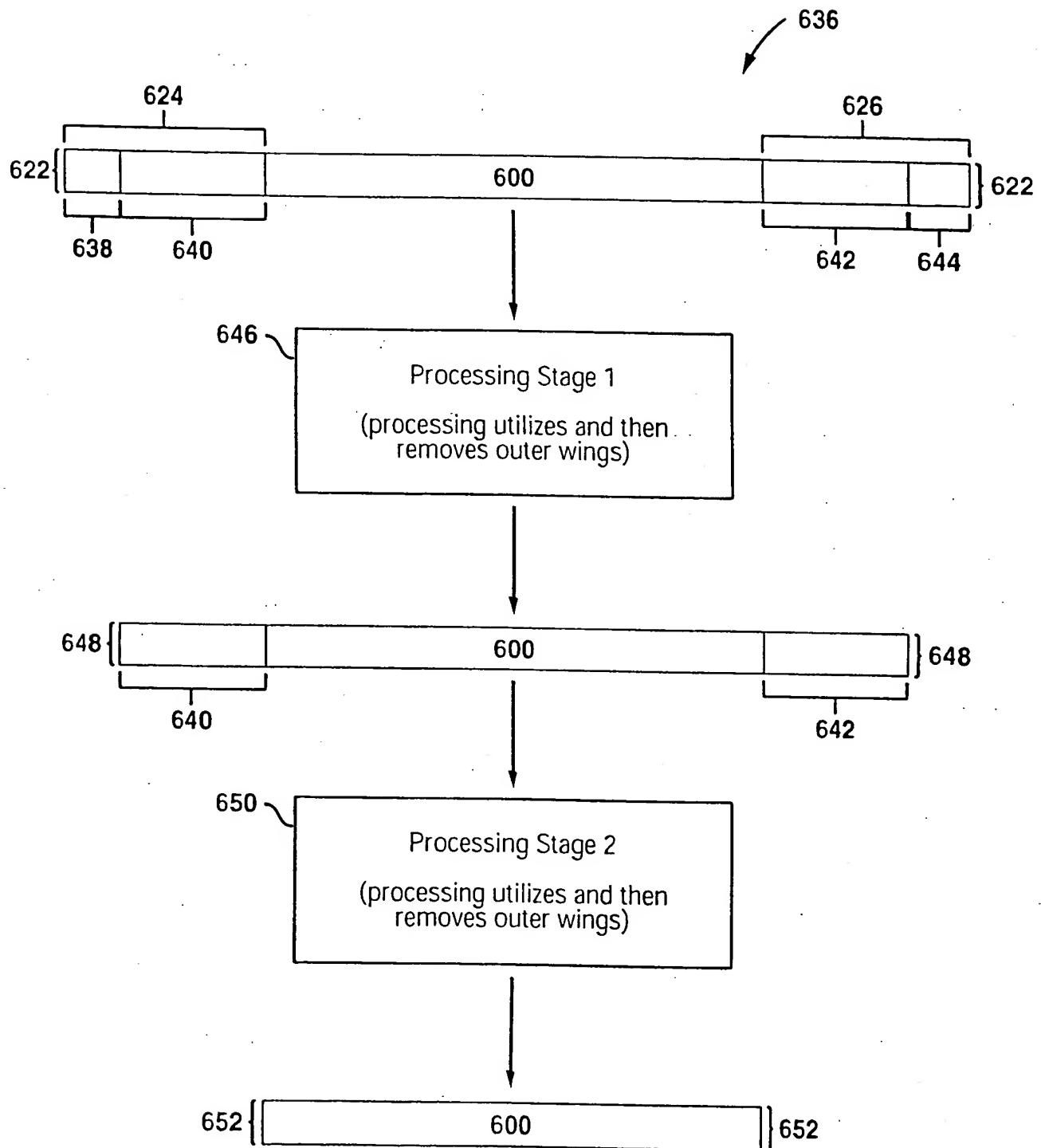
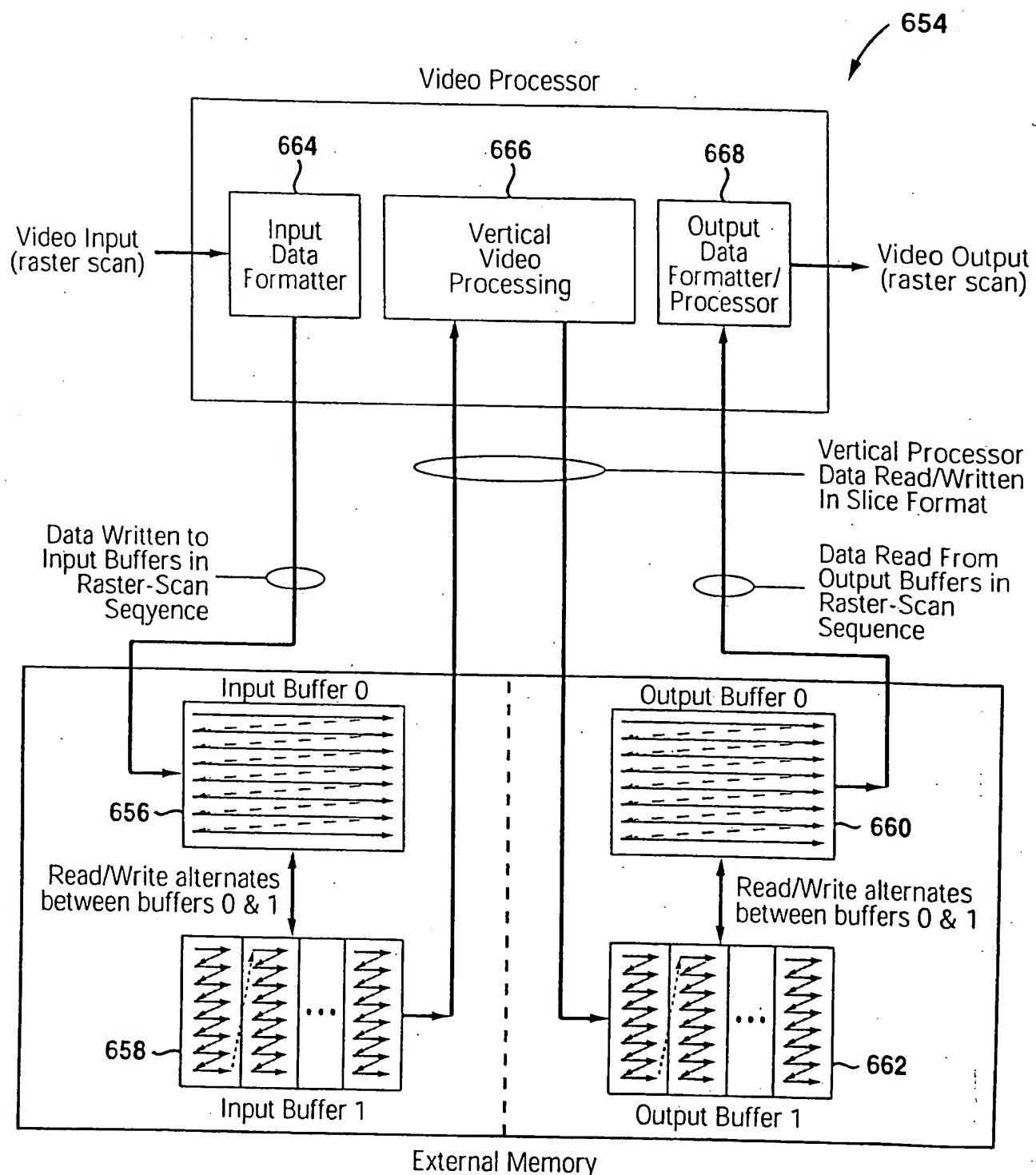
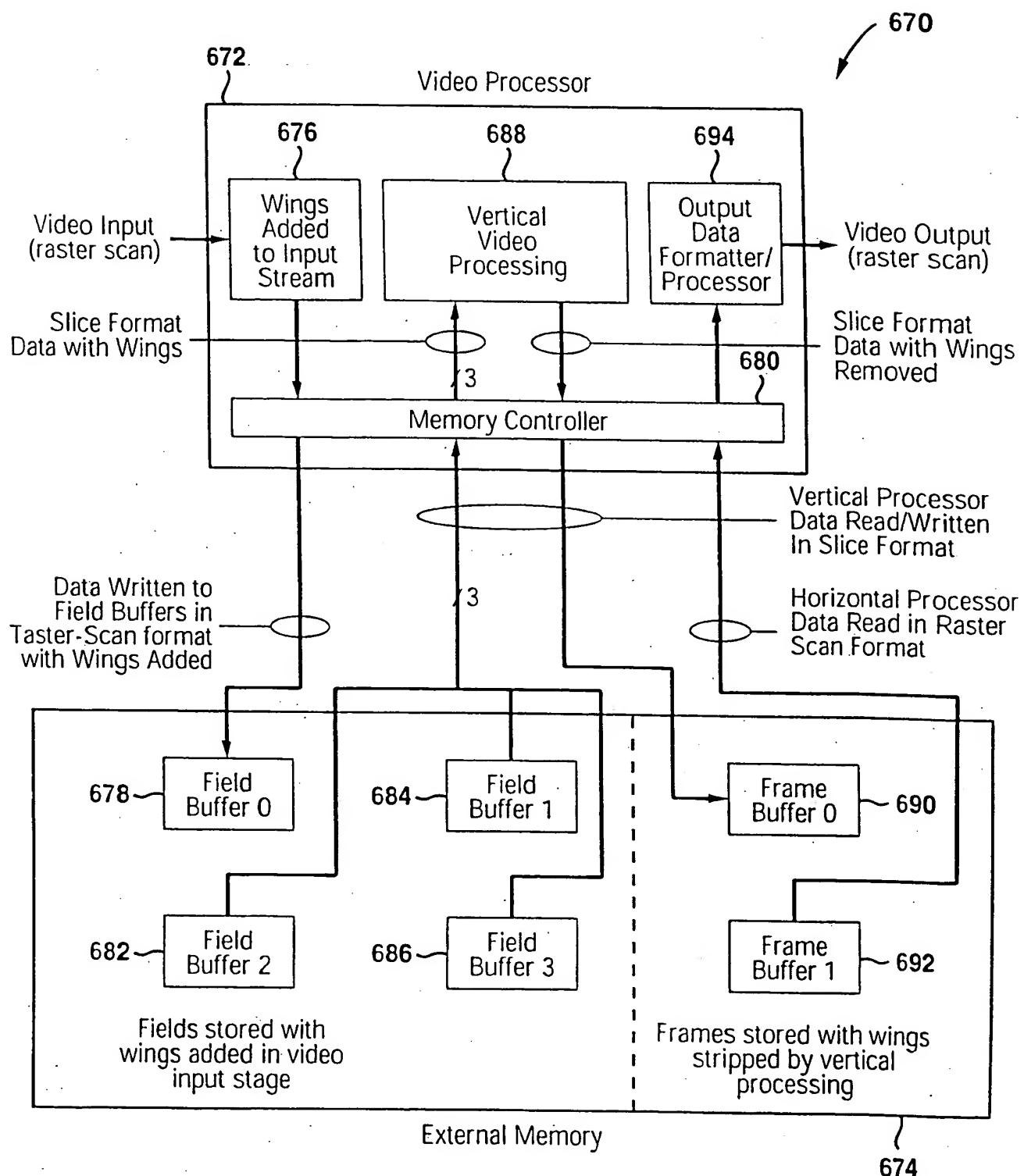
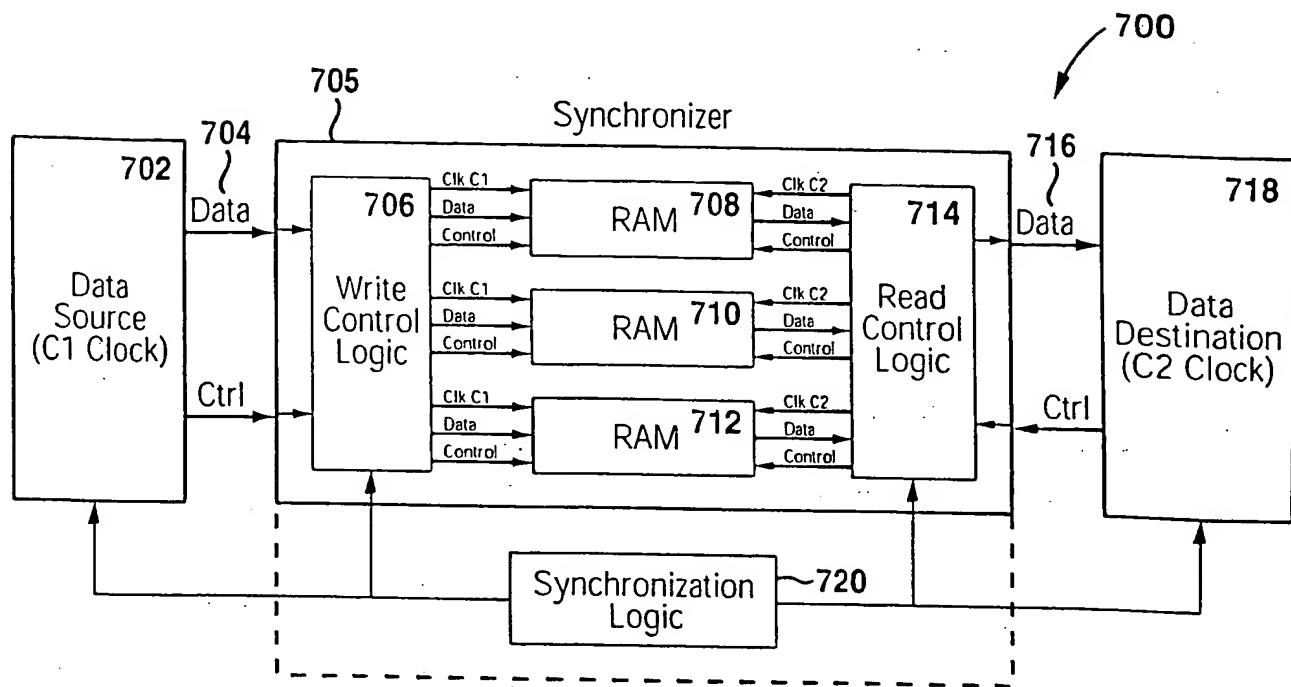
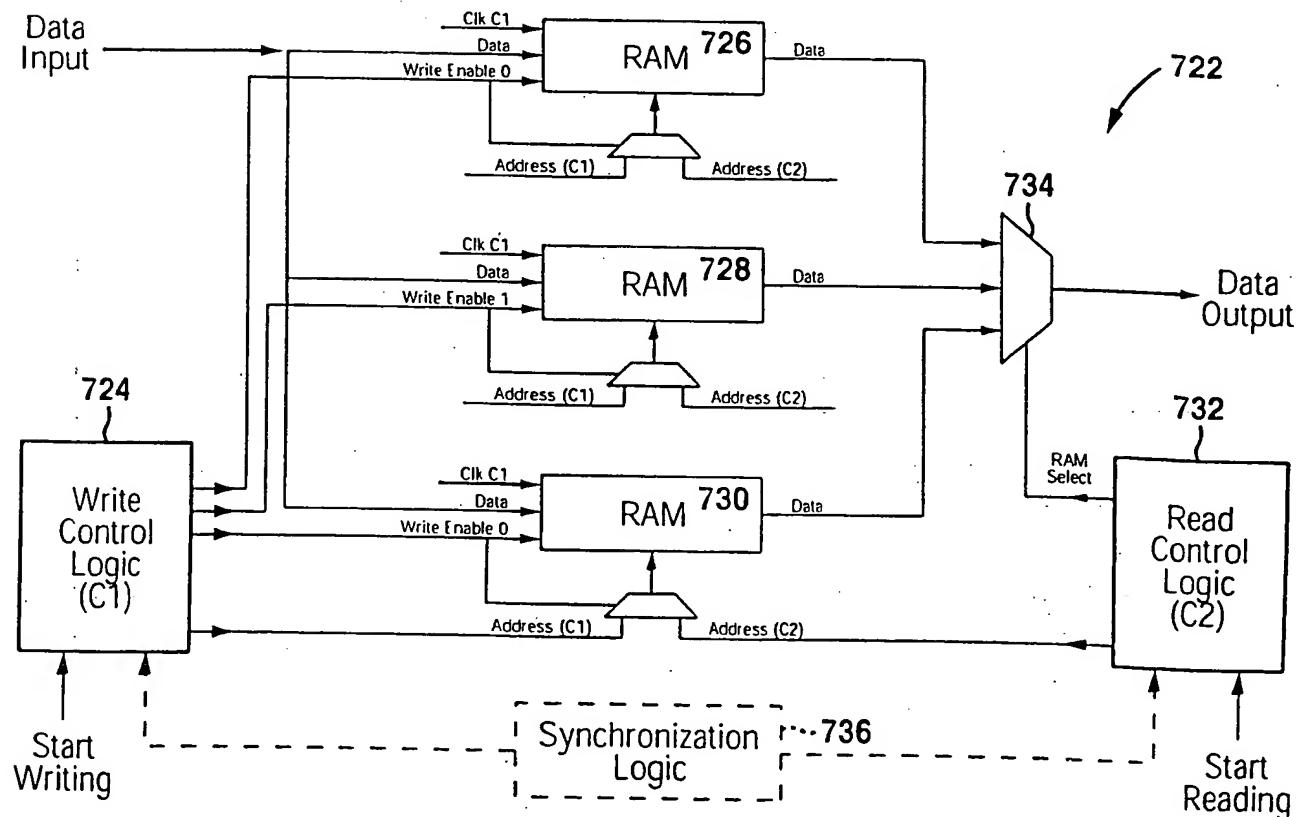


Fig. 31

**Fig. 32**

**Fig. 33**

**Fig. 34****Fig. 35**

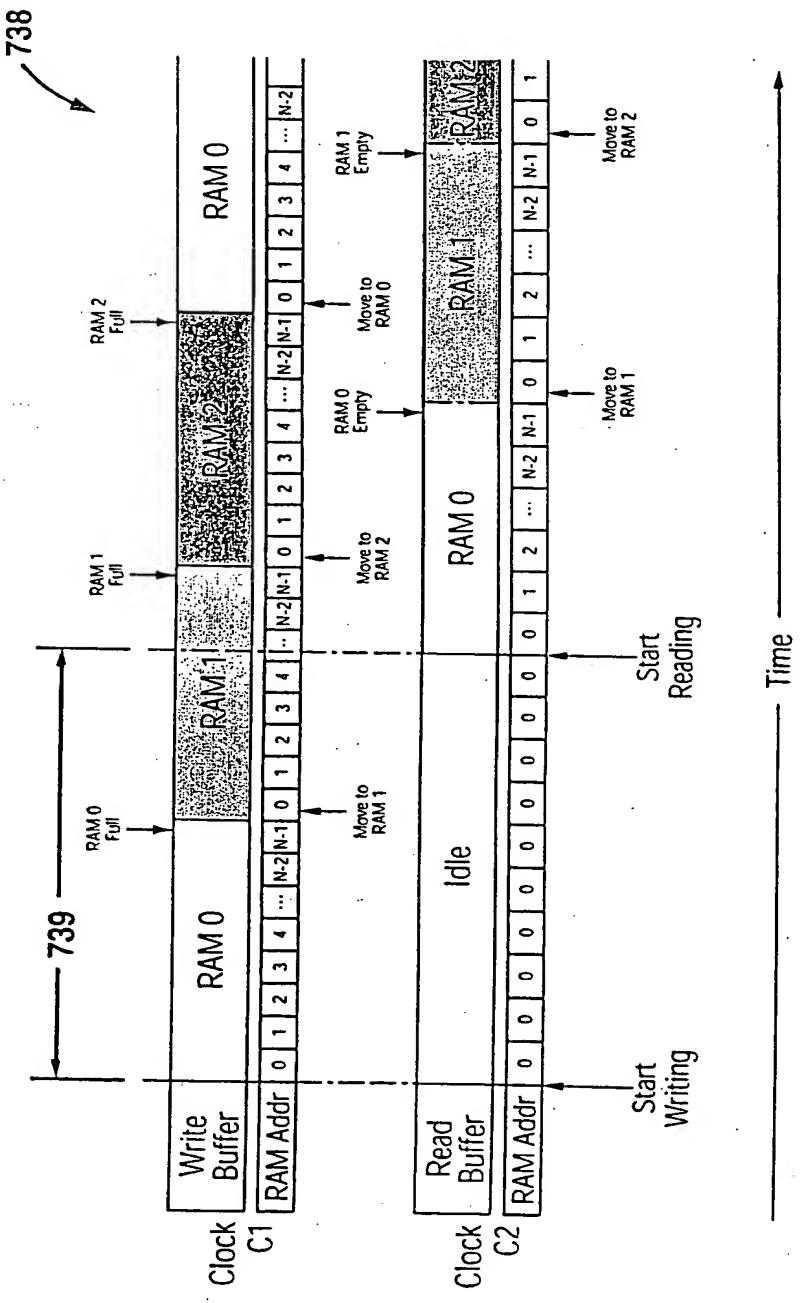
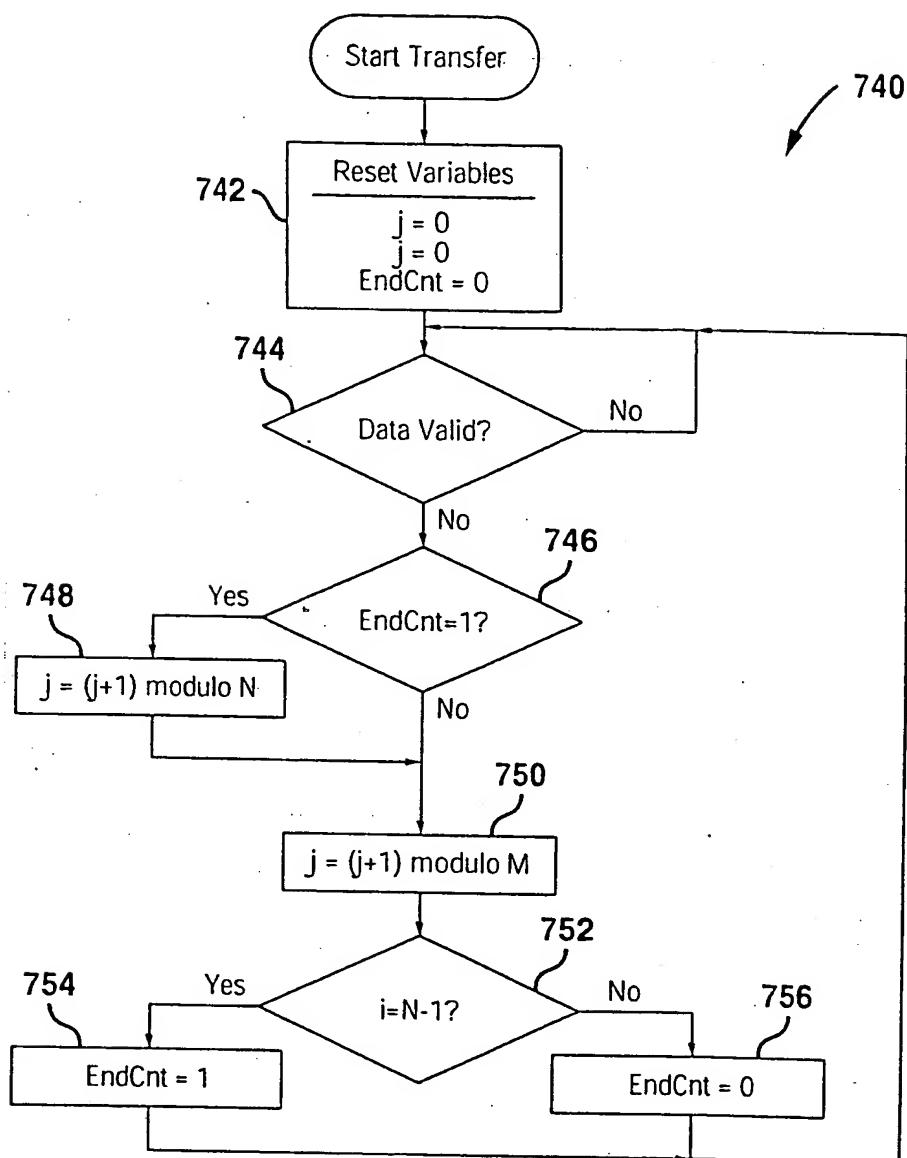


Fig. 36

NOTE: Each RAM has n addressable locations.



NOTES:

1. "i" is the RAM Address.
2. "j" denotes the selected RAM module, the address MUX control and RAM write enable.
3. "EndCnt" indicates that the RAM Address points to the last location in a RAM module.
4. "M" is the number of addressable location in a RAM module.
5. "N" is the number of RAM modules.

Fig. 37

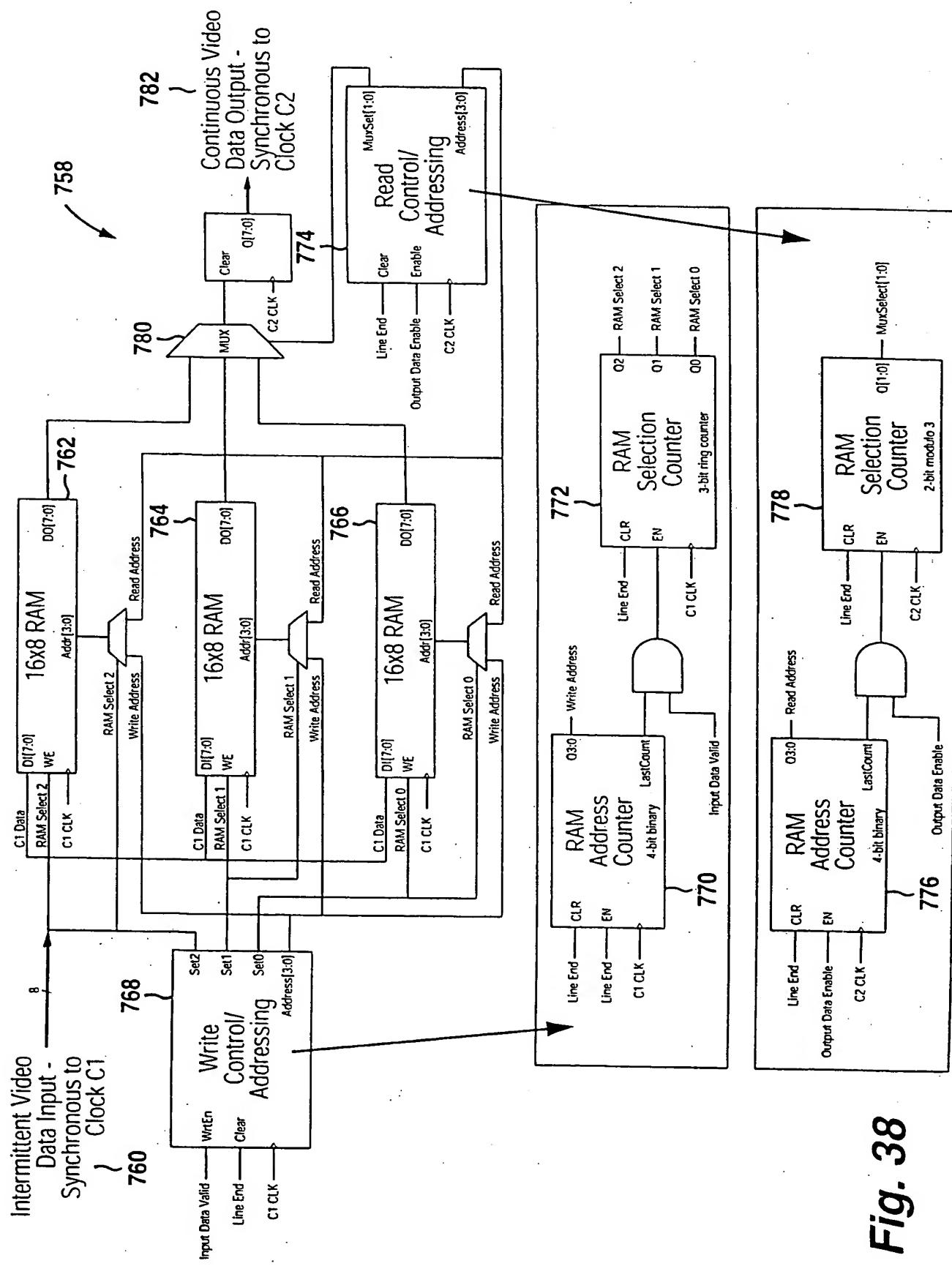


Fig. 38